

ENVIRONMENTAL ASSESSMENT (Draft)  
Proposed Oak Ridge Airport  
Oak Ridge, Roane County, Tennessee

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**This environmental assessment becomes a Federal Document when evaluated, signed, and dated by the responsible FAA official.**

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**Responsible FAA Official**

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ACRONYMS AND ABBREVIATIONS

AEDT	Aviation Environmental Design Tool
AEM	Area Equivalent Method
AWOS	Automated Weather Observing System
BMPs	Best Management Practices
CAA	Clean Air Act
CEQ	Council on Environmental Quality
CRA	Cultural Resource Assessment
DNL	Day-Night Average Sound Level
EA	Environmental Assessment
EJ	Environmental Justice
EPA	Environmental Protection Agency
ETTP	East Tennessee Technology Park
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FONSI	Finding of No Significant Impact
FPPA	Farmland Protection Policy Act
GHGs	Greenhouse Gases
GPS	Global Positioning System
HAPs	Hazardous Air Pollutants
ILS	Instrument landing system
LRTP	Long-Range Transportation Plan
MIRL/MITL	Medium Intensity Runway/Taxiway Lighting
NAAQS	National Ambient Air Quality Standards
NAVAIDS	Navigational Aids
NEI	National Emissions Inventory
NEPA	National Environmental Policy Act
NRHP	National Register of Historic Places
OFA	Runway Object Free Area
ORR	Oak Ridge Reservation
ORNL	Oak Ridge National Laboratory
PAPI	Precision Approach Path Indicators
PSA	Primary Study Area
RCRA	Resource Conservation and Recovery Act
RPZ	Runway Protection Zone
RSA	Runway Safety Area
RVR	Runway Visual Range
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
TDAPC	Tennessee Division of Air Pollution Control
TFMSC	Traffic Flow Management System Counts
TAF	Terminal Area Forecast
TIP	Transportation Improvement Program
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
VOCs	Volatile Organic Compounds
WOTUS	Waters of the U.S.

## CHAPTER 1 PROPOSED ACTION

### 1.1 Introduction

This Environmental Assessment (EA) has been prepared in accordance with the National Environmental Policy Act (NEPA) (42 United States Code 4321-4335) and the Council on Environmental Quality (CEQ) (Title 40 Code of Federal Regulations 1500-1508 regulations). Guidance for the preparation of the EA includes the FAA's *Environmental Impacts: Policies and Procedures* (FAA Order 1050.1F), the *National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions* (FAA Order 5050.4B), FAA's 1050.1F 2020 Desk Reference, and TDOT Aeronautics *Environmental Standard Operating Procedures, Version 1.0*. The EA reviews the proposed Oak Ridge Airport and evaluates the potential environmental effects associated with disturbance during construction or operations once the project is complete.

### 1.2 Proposed Action

The City of Oak Ridge (COR), Tennessee proposes to construct a new general aviation airport to serve the unmet need for the general public and aviation users in East Tennessee. The proposed site for the airport is located in Oak Ridge, Tennessee, a city established 25 miles west of Knoxville in 1942 by the U.S. Army Corps of Engineers as one of three major locations for the Manhattan Project.

The proposed Airport is located within Roane County, directly north of Highway 58, in the East Tennessee Technology Park (ETTP). The Department of Energy (DOE) established the ETTP in the mid-1990s after a multi-year, multi-billion-dollar remediation program to transform the former Oak Ridge Reservation (ORR) and Oak Ridge National Laboratory (ORNL) uranium production complexes. Due to this unique history, the surrounding area contains legacy contamination, including buildings, roads, utilities, surrounding grounds, and the ponds on both sides of Highway 58 that border the proposed airport. Previous studies including the Preliminary Planning Study (2011) and Programming Report (2012) referred to the proposed airport location as the "Heritage Center Site".

The proposed runway is 5000' in length by 75' wide in the initial term with potential ultimate widening to 100'. It will be oriented northeast-southwest and be designated Runway 6-24. The Runway will maintain a FAA Runway Design Code (RDC) of B-II in the initial term and a C-II in the ultimate term. An associated 35' wide partial parallel taxiway will be positioned 300' from the runway centerline in the initial phase of development, extending to the runway's full length in the ultimate phase. Airfield navigational aids will include a beacon, wind indicator/segmented circle, Precision Approach Path Indicators (PAPI), airfield signage, Medium Intensity Runway/Taxiway Lighting (MIRL/MITL), and an Automated Weather Observation Station (AWOS).

Due to the location of an inactive waste disposal area northwest of the runway, Poplar Creek off the south end, the historic Wheat Community off the north end, and the associated grading required to develop this area, the buildout of the airport is positioned south of the runway and directly north of Highway 58. The ultimate airside and landside buildouts will consist of an approximate 30,000 sq. yd. parking apron, 2,500 sq. ft. terminal building, 11 conventional box hangars, and four 10-unit T-hangars. Other facilities will include auto parking and two 10,000 gallon above ground fuel tanks (100LL and Jet A). The construction of the airport and facilities will involve the excavation of a hill on the north half of the site to be used as fill on the remediated areas of the south half of the site. The filling and limitation of ground disturbance in these remediated areas are meant to

avoid significant environmental impacts. In total, the proposed Airport occupies an area of 323 acres in the initial property boundary plus an additional 15 acres in the ultimate property boundary. Heritage Center Boulevard will be maintained as the main entrance into the ETTP campus by the addition of a vehicular bridge transiting under the proposed runway.

Other roadways and infrastructure including Europa Avenue, Victorious Boulevard, Allied Avenue, and Aluminum, Chromium, and 1st Streets within the ETTP campus are to be closed and removed to accommodate the airport's construction. Perimeter Road will be closed for public use but retained under control of the airport for special access oversized loads. Haul Road, a road built by DOE for the sole purpose of removing remediated material from the ETTP to designated authorized landfills, will be maintained until August 2024 and then permanently closed. In the long-term timeframe when the airport obtains a higher C-II RDC classification, the portion of Blair Road that turns south towards US 58 would then be reconfigured and relocated outside of the Ultimate Runway Protection Zone (RPZ).

The ETTP site is also currently served by a short-line railroad of Norfolk Southern. A spur from this short-line travels from the ETTP, through the proposed airport site, and south along US 58 to the DOE Powerhouse site adjacent to Poplar Creek. The railroad track of the spur is owned by Energy Solutions. Originally, the COR was informed by Energy Solutions that it was their intention to abandon the rail and have it removed for the airport's development. However, Carbon Rivers, a company operating at the Powerhouse site, has expressed interest in using the spur to transport inventory to their site. Consequently, the existing rail spur to the powerhouse site will be maintained by a rail bridge transiting under the proposed runway. The new rail bridge will parallel the proposed vehicular bridge maintaining Heritage Center Boulevard.

In addition to the rail spur and local roads, three buildings, 1000, 1007, and 1225 are within the airport footprint and will be demolished to construct the airport site. Existing site utilities currently enter the ETTP from US 58 along Heritage Blvd. A utility corridor will be provided in conjunction with the vehicular bridge to maintain utility access. The DOE also maintains numerous groundwater monitoring stations throughout the ETTP complex. Those monitors within the limits of the airport construction will be permanently closed and capped. The configuration of the runway will initially support non-precision instrument approaches with vertical guidance and not less than 1 mile visibility to both ends of the runway and ultimately provide not less than 3/4-mile visibility from the south. The COR will own in fee simple the initial and ultimate northern RPZs. For the purposes of runway approach protection, the DOE by agreement will enable the COR to clear and grub trees within the northern approach. The areas will be graded, sowed, and maintained by the COR. Areas within the Cemetery will continue to be maintained by the DOE. For the southern RPZ and approach clearing, a total of approximately 49 acres are proposed to be controlled by a combination of fee simple and avigation easements. Figure 1-1 shows the proposed action with the rail and vehicular bridges and initial and ultimate RPZ.

### **1.3 The Requested Federal Action**

The requested Federal Action is the unconditional approval of the ALP of the proposed project identified in this EA and the possible Federal funding of the project.

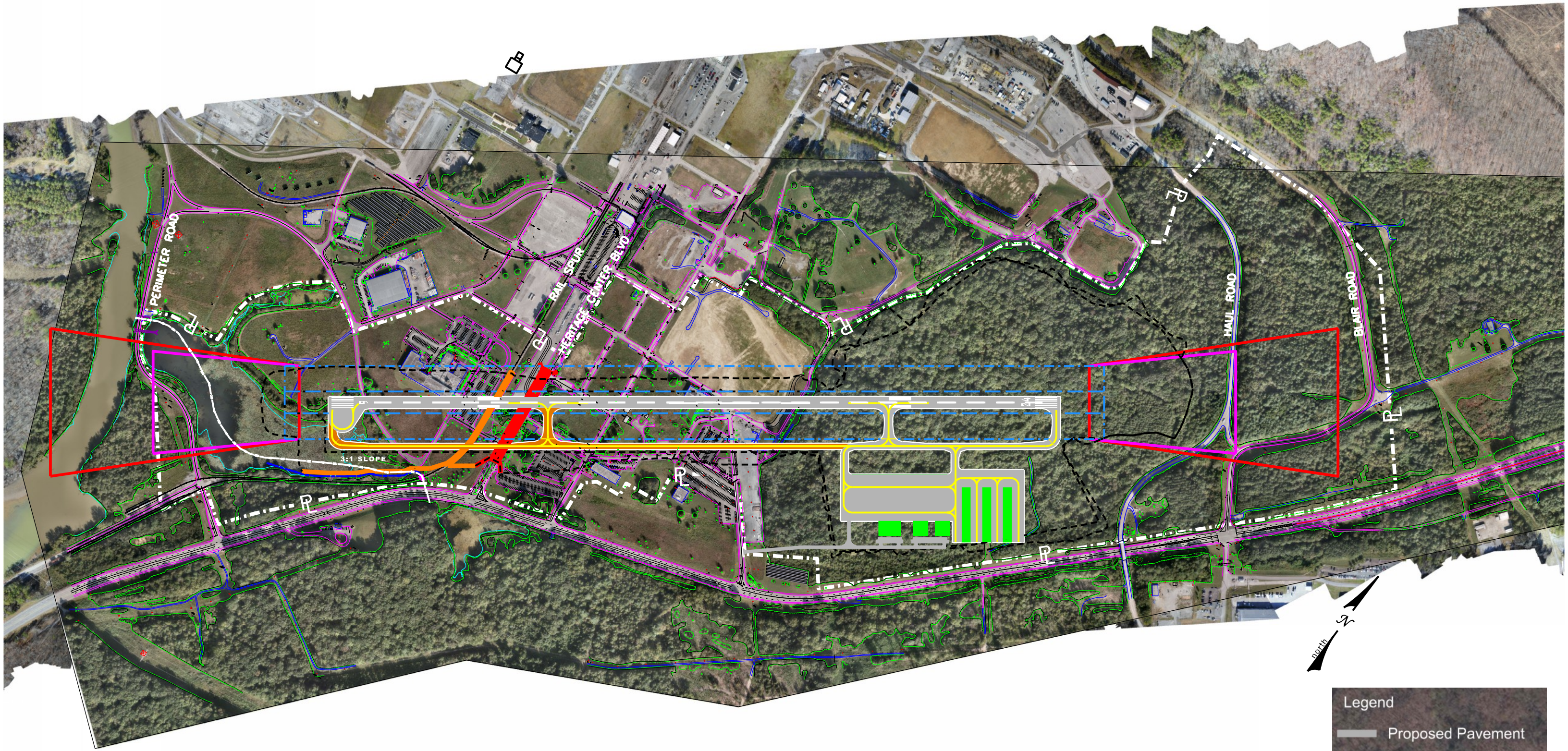


Figure 1-1 Proposed Action

Legend

- Proposed Pavement
- Proposed Buildings
- B-II ROFA
- B-II ROFZ
- Property Line

## CHAPTER 2 PURPOSE AND NEED

The primary purpose of the proposed airport is to alleviate the unmet general aviation air service need for the Oak Ridge, Tennessee area, and to further the safety and efficiency of the aviation system in East Tennessee. An ancillary benefit is the ability to leverage the proposed airport with extensive existing assets in the East Tennessee Technology Park (ETTP) including land, power, rail, and water, to enhance regional economic development and industrial investment.

The need for a general aviation airport serving the Oak Ridge area has been recognized by local civic leaders for over 5 decades. Local efforts began with the establishment of the Oak Ridge Airport Study Committee in October 1960 by Mayor A.K. Bissell. Between 1960 and 1976, a total of 10 separate airport site selection studies were conducted. In these studies, and in many similar efforts since, numerous locations and configurations for a general aviation airport have been considered. However, none were successful due to factors ranging from site suitability and environmental concerns, to feasibility and cost considerations.

Recent efforts began in 2009, when the Metropolitan Knoxville Airport Authority (MKAA) noted the increasing demand for business and private air travel throughout the Knoxville Metropolitan Statistical Area (MSA). In September 2009, the MKAA agreed to sponsor a preliminary study regarding the potential for a new general aviation airport on the Oak Ridge Reservation (ORR). This concept keeps with long-term goals of the DOE Reindustrialization Program, which began in 1996 to make land, facilities, and equipment at the ETTP available for reuse by businesses and industries. This preliminary study began a multi-phase, multi-year process that continues to this Environmental Assessment and includes the documentation as described in the paragraphs below.

Collectively these efforts study, analyze, and document the purpose and need of the proposed airport including:

- Aviation access to the Knoxville MSA
- Improvements to air safety and efficiency
- Satisfy un-met demand

The Knoxville Metropolitan Statistical Area (MSA) represents eleven counties and is the third largest metropolitan area in Tennessee. In 2019, the metro area had an estimated population of 1,045,111 with Oak Ridge being the second largest city in the MSA. The aviation demand in the MSA is large with over 900 aircraft and nearly 1,800 airmen registered within a 60-minute drive of the proposed airport. The Knoxville MSA has seen a continued growth in not only population but also aircraft ownership and an increase in general aviation aircraft size. Specifically, the MKAA has documented an increase in registrations, operations, and hangar requests by FAA Airport Approach Category (AAC) B and C aircraft. The 2018 Master Plan forecast identified over 700 annual aircraft operations of AAC-B and C aircraft which would realize the benefits of the proposed airport.

Within the Knoxville MSA, there are two main NPIAS airports that serve the majority of general aviation air service in the area, McGhee Tyson Airport (TYS) and Knoxville Downtown Island Airport (DKX).



The McGhee Tyson Airport (TYS) is a primary small hub airport in the NPIAS. It handles approximately 100,000 annual operations and over 1 million passenger enplanements. The airport's primary focus is to accommodate commercial airline, air cargo, military, aircraft maintenance, and large corporate activity. Compared to the majority of general aviation pilots, users at TYS typically include professional pilots familiar with operating among aircraft of varying aircraft sizes in a complex commercial airport environment.

As a result, Knoxville Downtown Airport functions in the NPIAS as a Reliever airport to relieve general aviation congestion at TYS and provide greater general aviation access to the greater area. While successful in this purpose, DKX itself is overly congested and cannot accommodate sufficient expansion. According to analysis in the 2018 Proposed Oak Ridge Airport Master Plan, DKX ranks in the 99<sup>th</sup> percentile of busiest airports in the country in terms of based aircraft. Due to the location on an island, DKX is constrained from expansion and development and cannot handle larger than Runway Design Code (RDC) B-II aircraft. In fact, no airports in the MSA other than TYS can accommodate C-II general aviation aircraft.

Additional evidence of unmet need can be seen in the number of private airports located within the MSA and the level of activity at these airports. Two non-NPIAS private airports, Sky Ranch (TN98) and Oliver Springs Inc (TN08), exist within the MSA. Excluding those airports with zero based aircraft throughout the entire United States, TN98 is in the top ten percent and TN08 is in the top 20 percent for based aircraft. While private airports can serve as viable alternatives, in many cases, these airports do not provide the minimum safety and design standards prescribed by the FAA. Construction of a supplemental NPIAS airport, meeting all FAA design standards will improve the safety and efficiency of general aviation air service throughout the MSA.

The proposed Oak Ridge airport would fall into the NPIAS category of a Reliever Airport to the Knoxville area's McGhee Tyson Airport. As a Reliever Airport, the proposed Oak Ridge facility would offer an alternative for general aviation aircraft over the use of McGhee Tyson in order to help relieve congestion and provide improved general aviation access to the overall community. Ultimately as a C-II airport, the proposed airport would also complement Knoxville Downtown Island Airport by providing additional regional aviation capacity and capability. As all current NPIAS airports are located more than 30-minute travel time from the Oak Ridge Central Business District, the proposed airport will also meet the direct demand for air service for the Oak Ridge community.

**Relevant Documentation:**

**Phase I - Preliminary Planning Study (2011):** This study was prepared in coordination with Department of Energy (DOE) and the Community Reuse Organization of East Tennessee (CROET) and included a broad evaluation of three potential airport development sites on the ORR (Heritage Center, Parcel ED-3, and Horizon Center). The study considered factors such as environmental and terrain constraints, airspace, obstructions, and proximity to landfills. The study concluded that construction of a general aviation airport was feasible at all three sites. The study determined that further examination of the sites was necessary before selection of a single recommended site for the proposed airport.

**Phase II - Preliminary Planning and Programming Study (2012):** This report analyzed multiple airfield layouts to develop more detailed findings regarding airspace constraints and obstruction removal requirements, potential environmental impacts, and construction factors such as anticipated costs, earthwork quantities, expansion capability, and building demolition requirements at each of the potential sites. Based upon a priority ranking of multiple alternative layouts, the Programming Report, completed in 2012, concluded that the Heritage Center Site-Concept 3 was the most favorable for constructing a new general aviation airport in Oak Ridge.

**Phase III - Justification Study (2013):** The study was prepared in May 2013 to outline the justification for a new airport in accordance with FAA guidelines. The study identified the FAA criteria required for a new airport to be included in the National Plan of Integrated Airport Systems (NPIAS) and described how the proposed airport would satisfy the associated criteria. A survey of pilots and businesses was conducted in February 2013 to gauge the local support for a new airport and to understand the existing unmet demand. A summary of the findings is included in the 2013 Justification Study.

**Re-validation in the National Plan of Integrated Airport Systems (2015):** The National Plan of Integrated Airport Systems (NPIAS) is the FAA's the federal plan for the public aviation system in the United States. By definition, inclusion in the NPIAS signifies the Secretary of Transportation has determined the airport "necessary to provide a safe, efficient, and integrated system of public-use airports adequate to anticipate and meet the needs of civil aeronautics." Airports included in the NPIAS are also eligible to receive grants through the Airport Improvement Program (AIP). A proposed Oak Ridge Airport has been included in the NPIAS and was originally included in the NPAIS beginning in 1993. On January 13, 2015, the FAA revalidated the inclusion of the proposed new Oak Ridge Airport planning site in the NPIAS (NPIAS No. 47-0057).

**Environmental Assessment – Property Transfer for General Aviation Airport (2016):** In February 2016, the Department of Energy (DOE) completed an Environmental Assessment (EA) (DOE/EA-2000) for the title transfer of U.S. Department of Energy (DOE) property located at the East Tennessee Technology Park (ETTP) Heritage Center for the purpose of constructing and operating a general aviation airport. Based on the results of the analysis reported in the EA, DOE has determined that the transfer of the property for a general aviation airport would not significantly affect the quality of the human environment and issued a Finding of No Significant Impact (FONSI).

**Airport Master Plan and Airport Layout Plan (2018):** Consistent with FAA Advisory Circular (AC) 150/5070-6B, an airport master plan is a systematic method that provides a framework to facilitate and guide both near- and long-term airport development. The result of the Plan was development guidance to meet the un-met aeronautical needs in the Oak Ridge Area and strategy to meet those needs. The study also performed an analysis of the monetary benefits of the proposed airport, which showed \$358,000 in annual additional costs are incurred annually on local recreational/business air travel due to the unmet need. In addition to the plan, this effort also included a corresponding production of an Airport Layout Plan (ALP) set. The ALP is a set of drawings which graphically depict the current and future facilities at an airport. The Airport Layout Plan, gained FAA conditional

approval on March 4, 2019, and it included development to support the forecast of around 12,000 short term annual aircraft operations.

**AGIS Survey and Approach Study (2020):** The Metropolitan Knoxville Airport Authority conducted an Airports Geographic Information System (AGIS) Survey in 2020 to assess if the proposed airport as defined in the Airport Layout Plan could support relevant Instrument Flight Procedures (IFP) with useful weather minima. The FAA's AGIS program specifies that safety critical airport data, such as IFP obstruction surveys, be obtained and submitted in a specified data schema for review and approval by the FAA and/or National Geodetic Survey (NGS). On July 8, 2020, upon completion of this AGIS survey and FAA IFP study for Oak Ridge, the FAA's Memphis Airports District reported the approach types and anticipated minimums for the proposed Airport:

**Initial Build**

Runway 6: Non-precision GPS/RNAV non-vertically guided – 1 mile/507 feet minimums

Runway 24: Visual approach

**Ultimate**

Runway 6: Non-precision GPS/ RNAV non-vertically guided – ¾ mile/507 feet minimums

Runway 24: Non-precision GPS/ RNAV non-vertically guided – 1 mile/507 feet minimums

In summary, based on their review of the data, the FAA concluded that the conditions noted in the FAA Airport Layout Plan approval letter have been satisfied with respect to instrument approach feasibility.

**Preliminary Engineering Study (2021/2022):** As part of the preliminary engineering due diligence efforts the runway alignment shown on the Airport Layout Plan was shifted slightly to the southeast. The new alignment slides the airport to the southeast to provide non-precision, instrument approaches, with vertical guidance and up to ¾ mile visibility minimums to both ends of the runway. The shift also moved the runway further from the national park, the Wheat Community area and the Black Oak Ridge Conservation Easement and moved the George Jones Memorial Baptist Church off the centerline of the northern approach.

## CHAPTER 3 ALTERNATIVES

This section describes the capabilities and limitations of alternate ways to meet the proposed need described in Chapter 2. To remain compliant with applicable TDOT Aeronautics and FAA regulations, the guidelines established in FAA Order 1050.1F were followed in the consideration of logical alternatives to the Proposed Action. As outlined previously, the aviation need for the project is a function of aviation access to the Knoxville Metropolitan Statistical Area (MSA); improvements to air safety and efficiency, and to satisfy unmet aviation demand. The alternative ways investigated to meet this project need include the consideration of the following primary alternatives and their iterations:

- Alternative 1: Do Nothing
- Alternative 2: Utilization of Surrounding Airports
- Alternative 3: Construct a New General Aviation Airport

### 3.1 Alternative 1: Do Nothing

A Do-Nothing alternative entails no action and maintaining the status quo. Maintaining the status quo does avoid the select environmental impacts associated with the construction of a new airport. However, the potential challenges and consequences from choosing the alternative must be considered and weighed holistically.

As previously described, the Knoxville Metropolitan Statistical Area (MSA) represents eleven counties and is the third largest metropolitan area in the state of Tennessee. In 2019, the metro area had an estimated population of 1,045,111 with Oak Ridge being the second largest city in the MSA. There are currently no air service facilities that currently exist to meet the demand for access to the City of Oak Ridge and the Oak Ridge Reservation (ORR) including the East Tennessee Technology Park (ETTP), Oak Ridge National Laboratory (ORNL), and Y-12 sites. Therefore, all potential users of local air travel including recreational, business, and corporate/executive must drive approximately 34 miles to reach McGee Tyson Airport (TYS) or Knoxville Downtown Island Airport (DKX) for aviation access. This journey takes up to 45 minutes and results in a penalty cost of \$422,440 annually<sup>1</sup>.

A greater consequence of the lack of adequate aviation access is the constraint a Do-Nothing alternative places on business and industrial recruitment. In today's global market, business, industrial, and manufacturing corporations have identified the existence of a business jet capable airport as a key factor when considering areas for business establishment or expansion. With only TYS being capable to support the movement of personnel and goods by aircraft B-II and greater classification, this alternative will continue the competitive disadvantage for business and industrial opportunities to the Oak Ridge Area. This is further enhanced by the fact that the ETTP, ORNL, and Y-12 facilities conduct highly technical, specialized and research activities that would greatly benefit from a nearby business jet capable airport. Indeed, surveys and support letters from existing businesses in the ETTP and ORNL have documented the immediate need for nearby air service access.

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<sup>1</sup> 2018 Proposed New Oak Ridge Airport Master Plan adjusted 18% for inflation from 2018-2022

Furthermore, the ETTP itself may be hindered in its goal of the recruitment of industrial and research users due to the lack of aviation access supporting the movement of sensitive and/or specialty cargos. One such cargo is medical radioactive isotopes that require expedited delivery due to their short effective lifespans. The lack of a business class airport would negatively impact the continued reindustrialization and transformation of the ETTP, which could have long-term consequences to the economic health of the area. If a new airport was not constructed, the ETTP itself would not gain a compatible land use that occupies a large footprint of formerly impacted property.

Additionally, if an airport were not constructed, the Manhattan Project National Historical Park would not gain any benefit from increased accessibility to the park similar to the way the general aviation airport in Sevierville provides to the Smoky Mountains National Park.

Another secondary impact of the Do Nothing alternative would include the loss of direct revenues generated by an airport such as fuel sales, hangar rents, fees, and indirect/multiplier impacts from the revenue generated in the community.

Lastly, the FAA has identified and revalidated the inclusion of the proposed new Oak Ridge Airport planning site in the National Plan of Integrated Airport Systems (No. 47-0057). A Do-Nothing alternative would remove any possible benefit the Nation’s airport system would gain from a new facility.

Provided all the consequences above, the Do-Nothing alternative would significantly restrict aviation access, efficiency, and long-term economic health of the community.

### 3.2 Alternative 2: Utilization of Surrounding Airports

The 2018 Proposed New Oak Ridge Master Plan explored the possibility to utilize the airports in the region to accommodate the demand for general aviation access to the Oak Ridge Area. The report detailed the analysis of 6 airports within a 30-nautical mile radius of the proposed airport. Four of these airports are public use which are included in the National Plan of Integrated Airport Systems (NPIAS). The remaining two airports are private-use and are not included in the NPIAS. Table 3-1 identifies the airports, distance and direction from the Oak Ridge Central Business District (CBD) and available runways. Figure 3-1 graphically depicts these airports.

**Table 3-1 Airports in Proximity to Oak Ridge CBD**

Airport	Use	LOC ID	Associated City	Minutes from Site	Min from Oak Ridge CBD	Dist. (NM) from Site	Runway(s)	Based Aircraft
Oak Ridge (Proposed)	PU	N/A	Oak Ridge	-	14	-	06/24 - 5,000 ft.	13
Oliver Springs Inc.	PR	TN08		18	10	7.5 (NE)	15/33 - 2,800 ft.	22
Rockwood Municipal	PU	RKW	Rockwood	25	37	15.3 (W)	04/22 - 5,000 ft.	15
McGhee Tyson	PU	TYS	Knoxville	36	31	20.3 (SE)	05L/23R - 10,000 ft. 05R/23L - 9,000 ft.	122
Skyranch	PR	TN98	Knoxville	39	34	21.0 (ESE)	01/19 - 2,100 ft.	47
Knoxville Downtown Island	PU	DKX	Knoxville	42	37	25.00 (E)	08/26 - 3,499 ft.	124
Monroe County	PU	MNV	Madisonville	53	62	23.0 (S)	05/23 - 3,643ft.	26

Source: 2018 Proposed New Oak Ridge Master Plan

Two main airports in the Knoxville MSA serve the majority of general aviation traffic for the Oak Ridge area, McGee Tyson Airport (TYS) and Knoxville Downtown Island Airport (DKX).

**McGee Tyson Airport (TYS)** is a primary small hub airport accommodating 100,000 annual operations and 1 million annual commercial service enplanements. It maintains a mix of air carrier, general aviation, cargo, and military activity. With two parallel runways measuring 10,000' (5L-23R) and 9000' (5R-23L), this is the only airport in the region that can accommodate aircraft greater than a B-II classification. While able to accommodate general aviation, future expansion of general aviation services and facilities is extremely limited and constrained. TYS has reported 186 based aircraft and maintains an extensive waitlist. The Fixed Base Operator (FBO) reports that smaller general aviation hangars are likely to be replaced with larger hangars in the near future. This would result in the displacement of the lighter general aviation based at TYS to other area airports. The closest general aviation airport to TYS is Knoxville Downtown Island Airport (DKX).

**Knoxville Downtown Island Airport (DKX)** is a general aviation airport located 3 miles east of the city of Knoxville. TYS is classified as a general aviation reliever airport for TYS. Reliever airports are those designated by FAA to relieve congestion at a commercial service airport and provide additional general aviation access to the overall community. As its name implies, DKX is fully contained on the Dickinson Island in the Tennessee river. The airport maintains a single 3,499 foot by 75-foot paved runway, designated 08/26. The runway meets Runway Design Code (RDC) B-II design standards and has a 40-foot-wide full-length parallel taxiway. Aircraft parking is available on multiple aprons south of the parallel taxiway centerline. Due to the airport's location on an island, and the location of existing infrastructure, expansion to meet the needs of larger category B or category C aircraft is physically not possible.

Alternative to TYS and DKX, some general aviation users have turned to private airports located throughout the MSA. These facilities, however, are limited to turf runways that do not always meet FAA design standards, which are not able to satisfy the need for corporate/business aircraft and flight training.

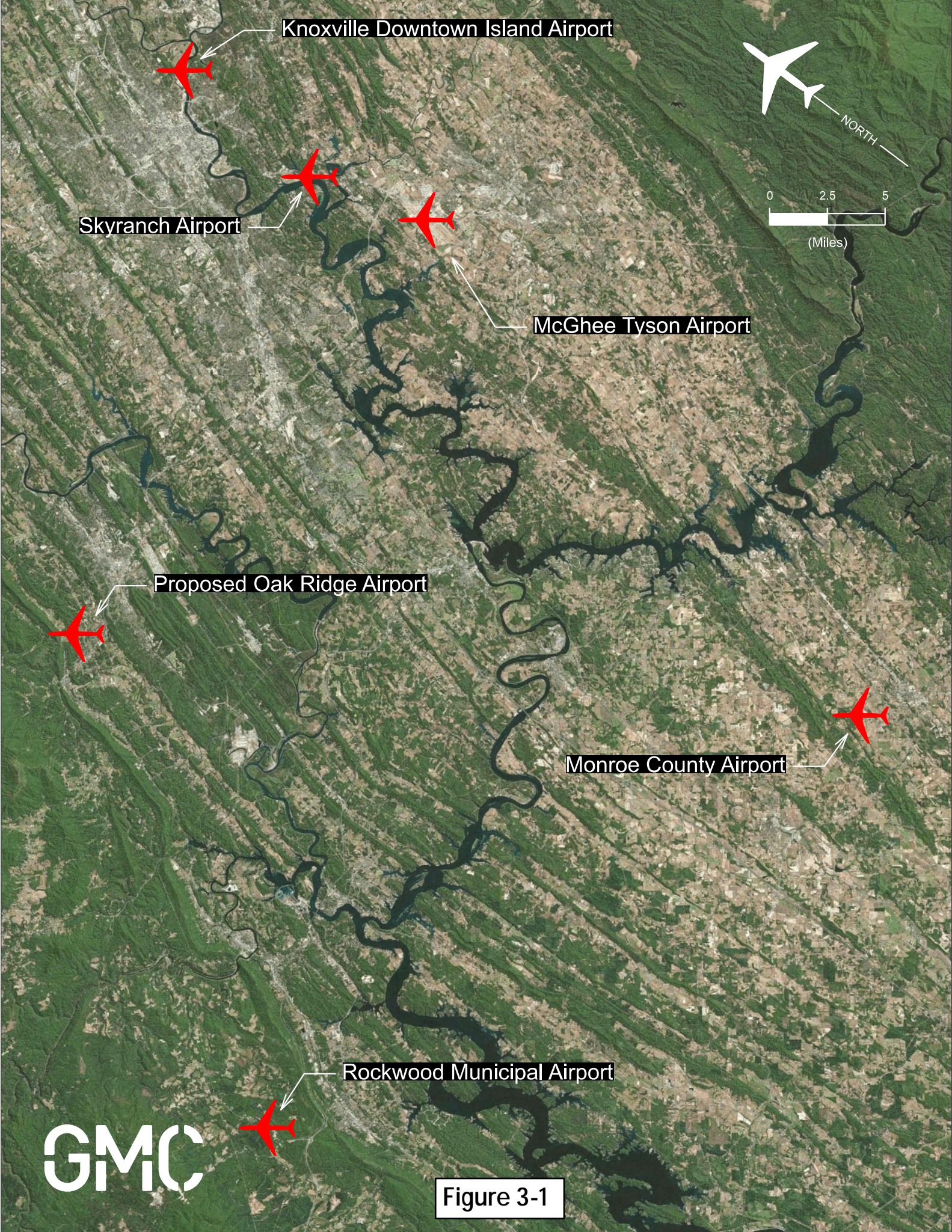
**Oliver Springs Inc. Airport (TN08)** is the most significant private airport within 20 nm of Oak Ridge. TN08 has a 2,800-foot turf runway that is bordered by Poplar Creek on the north side and a pasture on the south. The runway is surrounded by tall trees and vegetation, as well as terrain which rises over 300 feet above the runway elevation within 300 feet of the edge of the runway. Expansion of the runway would not be possible due to the terrain and the proximity of Poplar Creek. In addition, the airport would not be able to meet current FAA airport design standards.

**Rockwood Airport (RKW)** is located approximately half an hour drive west of Oak Ridge. RKW features a single runway at 5,000 feet long and 100 feet wide. The airport hosts 16 based aircraft and approximately 17,500 annual aircraft operations. The based aircraft at RKW are all piston-engine, with 15 being single-engine and one (1) being multi-engine. Travel time between the Oak Ridge CBD to RKW is approximately 40 minutes by car, which is a similar travel time to TYS and the annual penalty cost of \$358,000 annually. While RKW is physically able to accommodate the aircraft expected at the proposed airport, RKW does not offer the level of access to the high-tech business areas in Oak Ridge as well as north and west of Knoxville that is required.

**Sky Ranch Airport (TN98)** is a privately owned, private use, airport located approximately 40 minutes' drive from Oak Ridge. TN98 is located on an island between downtown Knoxville and TYS along the Tennessee River. TN98 features a 2,100-foot turf runway with approximately 47 based aircraft. Based on the physical limitations of being located on an island in the Tennessee River, like DKX, the airport would not be able to meet the unmet demand of a B-II and greater airport.

**Monroe County Airport (MNV)** is located approximately one hour drive south of the proposed airport. The airport features a single runway at 3,643 feet long and 75 feet wide. MNV has approximately 33 based aircraft and 19,800 annual operations. Travel time between the Oak Ridge and MNV is over one hour by car. The airport would not be able to meet the unmet demand of a B-II/C-II facility, nor would it provide reasonable access to the Oak Ridge area. For these reasons, MNV does not meet the key needs identified.

Due to the surrounding airports' inability to provide larger B-II and C Category air traffic, lack of space for general aviation growth and high annual penalty cost to offer an efficient level of access to the high-tech business areas of Oak Ridge, the utilization of surrounding airports was eliminated for consideration as the preferred alternative.



**Knoxville Downtown Island Airport**



**Skyranch Airport**



**McGhee Tyson Airport**



**Proposed Oak Ridge Airport**



**Monroe County Airport**



**Rockwood Municipal Airport**



**GMC**

**Figure 3-1**



### **3.3 Alternative 3: Construct a New General Aviation Airport**

As detailed in Chapter 2, the need to construct a new general aviation airport serving the Oak Ridge area has been recognized by local civic leaders for over 5 decades. Between 1960 and 1976 alone, a total of 10 separate airport site selection studies were conducted. In these studies, and in numerous similar efforts since, dozens of locations and airport configurations have been considered all around the Oak Ridge Area. However, none have been successful due to factors ranging from site suitability and environmental concerns to feasibility and cost considerations.

In September 2009, the Metropolitan Knoxville Airport Authority sponsored a Phase I study to conduct a preliminary assessment of the potential to construct a new general aviation airport on one of three sites in the Oak Ridge Reservation (ORR). At the conclusion of Phase I, it was determined that constructing a general aviation airport at one of the three locations was feasible. As shown in Figure 3-2 and described below, the three sites considered were:

1. Heritage Center Site (Concept 3)
2. Heritage Center Site (Preliminary Engineering)
3. ED-3 Site
4. Horizon Center Site

In October 2010, a Phase II continuation of the preliminary study began to examine in greater detail the design, construction, environmental, airspace, and property related factors associated with each of the three sites identified in the Phase I report. Specifically, Phase II's objectives were as follows:

- Develop detailed airport templates based on a selection of near-term and long-term facility requirements for the potential airport sites recommended in Phase I;
- Refine airport layout concepts for each site based on known constraints and selected facility requirements;
- Prepare programming cost estimates for each of the possible airport sites, so that a determination could be made regarding the financial planning of the airport; and
- Submit a programming report that summarizes the results of Phase II.

Figure 3-2



Horizon Center Site

Highway 95

Highway 327

Heritage Center Site (Concept 3)

Heritage Center Site (Preliminary Engineering)

ED-3 Site

Highway 58



### **Heritage Center Site (Concept 3)**

Located on the southern end of the East Tennessee Technology Park, the Heritage Center site resides approximately one-half mile from the former K-25 gaseous diffusion building, and numerous support facilities constructed during World War II. The Technology Park is bound by Poplar Creek to the west and north, and U.S. Highway 58 to the south.

The Phase II analysis considered a total of 11 airport alignments on the Heritage Center site with three advancing for a detailed review (Concept 1, 2, and 3). The three sites were found to require various considerations regarding airspace obstructions, demolition of existing structures and roadways, and the historic importance of the Wheat Community, Wheat Church, and Y-12 site as a whole. However, the Heritage Center Site afforded several advantages over the ED-3 and Horizon Center Sites. Primarily this was due to the fact that the site was relatively flat, and would have less “greenfield” impacts as the site had been significantly disturbed by previous developments on the campus.

### **Heritage Center Site (Preliminary Engineering)**

During the Preliminary Engineering Assessment, the Heritage Center Site Concept 3 was refined to determine the specific and optimal location and alignment of the proposed airfield. To determine this location, the social and environmental affects, as well as the operational constraints and constructability of the site was considered. After considering these factors and the coordination with our consulting partners during the Section 106 process, 10 iterations of runway alignment were considered. The runway alignment shown on the Airport Layout Plan was shifted slightly to the southeast which provided the following advantages:

- Enabled vertical guidance to both ends of runway,
- Removed identified streams between Haul Road and Blair Road,
- Enables DOE mitigation of Pond 1,
- Avoids the Black Oak Ridge Conservation Easement (BORCE),
- Reduces Wildlife Habitat (trees) affected,
- Removes Historic Wheat Church from extended runway centerline and reduces noise impacts,
- Removes viewshed impacts and enhances entrance to K-25 National Park.

### **ED-3 Site**

The ED-3 Site measures approximately 595 acres and is located immediately south the Heritage Center and Oak Ridge Turnpike along a ridgetop of Pine Ridge. The site is bounded by the Clinch River to the west, Flannigan Loop Road to the east and Bear Creek Road to the south. Heavily wooded, the site has few significant man-made features except for TVA power lines and a water storage facility.

Compared to the Heritage and Horizon center sites, the ED-3 Site topography has the largest elevation changes across the proposed site. The alignment of the airport closely follows a TVA transmission line and will require the relocation of approximately 14,000 feet of the transmission line facilities. Further, the location of the ED-3 Site requires that a City of Oak Ridge water tower (with a cumulative storage capacity exceeding 1 million gallons) be demolished and relocated. ED-3 Site has the least amount of Part 77 airspace penetrations. In addition, the sites are both located on the historic Happy Valley Worker Camp.

**Horizon Center Site**

The Horizon Center Site is north of the Oak Ridge Turnpike, and approximately 2.5 miles northeast of the Heritage Center. Horizon Center was transferred to CROET by DOE in 2003 and has been developed into a commercial and industrial park. The existing topography at the Horizon Center Site contains the most level terrain of the three alternative sites. Due to its more level terrain, the amount of earthwork required for a new airport to be constructed at the Horizon Center Site would be less than the Heritage Center and ED-3 sites.

However, the Horizon Center has the greatest number of airspace penetrations compared to the other sites. In its future configuration, the Horizon Center Site impacts a total of 2,352 acres in the future configuration. The site includes three towers that penetrate the proposed airspace surfaces. Additionally, there is a prohibition for certain land uses on the site, including airport development, in the Environmental Assessment (EA) and quitclaim deed.

**Ranking of New Airport Sites**

As a result of the initial analysis conducted during the Phase I Preliminary Planning Studies, Phase 2 - Programming Report, and 2021/2022 Preliminary Engineering Assessment, a significant amount of information was compiled and evaluated related to the design, construction, environmental, airspace, and property related factors associated with the development of a new airport to serve Oak Ridge and the surrounding communities. Table 3-2 shows the tabular comparison of the four alternative sites.

In order to establish a priority ranking of the airport sites under consideration, the Phase II study subsequently generated a matrix of the most relevant factors associated with the Initial Airport Development Plan. Each key factor was utilized in a weighted evaluation matrix to quantitatively rank the development alternatives presented. Each rating was ranked 1 through 5, with a value of 1 being associated with the least favorable rating and a value of 5 being associated with the most favorable rating. Table 3-3 shows the priority ranking of the three proposed airport sites. The Heritage Center Site Preliminary Engineering was ultimately selected as the preferred site for the proposed airport.

**Table 3-2 Comparison of Proposed Airport Sites**

	Heritage Center Preliminary Engineering		Heritage Center Concept 3		ED-3 Site		Horizon Center Site	
	Initial	Future	Initial	Future	Initial	Future	Initial	Future
<b>Design/Construction</b>								
Estimated Construction Cost	\$36M-\$55M	+\$10M-\$14M	\$32.3M-\$50M	+\$32.8M-\$48.9M	\$61.4M-\$94.7M	+32M-\$46.3M	\$23.1M-\$35.8M	+19.5M-\$23.9M
Earthwork Quantities	3.7M CY	None	3.4M CY	+2M CY	6.4M CY	+2.6M CY	3.0 CY	+0.6M CY
Building Impacts	3 Bldgs.	None	2 Bldgs.	None	None	None	None	None
Unusual Construction Factors	Vehicular and Rail Bridges	None	Road Relocation	Realignment of Oak Ridge Turnpike	TVA Lines Relocation ; Water Towers Demo	Road Relocation	None	None
Geotechnical Issues	High Rock Probability	High Rock Probability	High Rock Possibility	High Rock Possibility	High Rock Possibility	High Rock Possibility	Minimal	Minimal
Landside Expansion	Excellent	Excellent	Good	Good	Poor	Poor	Fair	Fair

<b>Environmental</b>								
Water Resource Impacts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NRHP	None	None	Main Plant Historical District, Wheat Church	None	Former work camp potentially eligible	None	One NRHP-eligible site (40RE195) and the protected McKamey-Carmichael Cemetery	None
Federally Protected Species	None	None	None	None	None	None	None	None
Section 4(f)	None	None	None	None	None	None	USDOE Protected Natural Areas	None
Landfills within 6 Miles	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Airspace</b>								
Clear Approach – Primary Runway End	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No (minor terrain)
Clear Approach – Secondary Runway End	Yes	Yes	Yes	Yes	Yes	No (terrain)	No (tower must be removed)	No (tower and terrain)
Tower Part 77 Penetrations – Horizontal and Conical	None	None	2 Towers (+305', +278')	No new Towers	4 Towers (+30', +50', +236', +263')	No new Towers; 1 Initial Tower moves into approach surf.	2 Towers (+366', +339')	No new Towers
Tower Part 77 Penetrations – Approach and Transitional	None	None	0	0	0	1 Tower (+50')	1 Tower (+186')	Initial Tower must be removed
Total Horizontal Acreage of Terrain Penetrations	515 acres	+5 acres	515 acres	+5 acres	104 acres	+40 acres	2.178 acres	+174 acres

**Table 3-3 Weighted Ranking of Proposed Airport Sites**

1 = Worst / 5 = Best	Category Weight (%)	Component Weight (1-10)	Total Influence	Heritage Center Concept 3	Heritage Center Preliminary Eng.	ED-3 Site	Horizon Center Site
<b>Design/Construction</b>							
A1. Est. Construction Cost	25%	7	8.3%	3	4	2	2
A2. Unusual Construction Factors		6	7.1%	3	3	2	4
A3. Site Constraints		8	9.5%	4	5	1	2
<b>Environmental</b>							
B1. Streams/Wetlands/T&E	30%	8	11.4%	4	4	5	4
B2. Archeological Impacts		7	10.0%	2	4	4	1
B3. Social/Community Impacts		6	8.6%	3	4	4	1
<b>Airspace</b>							
C1. Approach Clearing	25%	6	8.8%	4	5	3	3
C2. Nearby Tower Relocations		7	10.3%	4	5	2	1
C3. Approach Minima		4	5.9%	4	5	3	3
<b>Property</b>							
D1. Structure Impacts	20%	7	7.8%	1	2	5	5
D2. Property Acquisition		6	6.7%	3	3	3	4
D3. Compatible Land Use		5	5.6%	4	1	1	1
			<b>Weighted Average</b>	3.26	3.88	3.01	2.54
			<b>Rank</b>	2	1	3	4

### **3.4 Identification of Preferred Alternative**

Through detailed study, analysis, and consideration the preferred alternative must address aviation access to the Knoxville Metropolitan Statistical Area (MSA), improvements to air safety and efficiency, and to satisfy unmet aviation demand.

The “Do-Nothing” alternative was rejected because of the inability to address aviation access, thereby decreasing air safety and efficiency, as well as not satisfying the unmet aviation demand. Additionally, this alternative hinders the re-use of the ETPP and the attraction and retention of business and industry to the area.

The Utilization of Surrounding Airports was also rejected because it too does not address economical access to aviation for the Oak Ridge area and does not improve aviation efficiency through establishment of a general aviation airport of B-II category or greater. Only Alternative 3: Construct a New General Aviation Airport accomplishes the purpose and need. This is the only alternative that will provide a primary runway length necessary to serve the business and private aircraft of the community, have minimal impact on the local environment, and minimize project cost while maximizing economic benefits to the Oak Ridge area.

#### **Supplemental Rail Alternative**

During the course of the Environmental Assessment, it became evident specific alternatives to maintaining rail access to the Powerhouse Site, south of the proposed alternative were necessary. Initially, it was the intent of the City of Oak Ridge (COR) to abandon the rail spur that travels from the Norfolk Southern Short Line, north of the ETPP, through the preferred airport site and on to the Powerhouse area. In April of 2021, Energy Solutions, the owners of the rail spur, submitted a letter to the COR offering to abandon the 1.67 miles of Heritage Railroad track. This offer was subject to receiving the consent of the U.S. Surface Transportation Board (STB), as Heritage Railroad operates as a common carrier under its jurisdiction. Within the abandonment application to the STB, Energy Solutions must certify that there is no current or expected future use of the rail spur. In the summer of 2022, Carbon Rivers began operations within the Powerhouse area. Carbon Rivers recycles wind turbine blades and repurposes them into various marketable materials. Shortly after beginning operation, Carbon Rivers took delivery of a shipment of wind turbine blades via the Short Rail spur. Consequently, Energy Solutions are unable to honor their commitment to the COR of abandoning the rail spur and alternatives to maintain the spur were considered.

The only two rail alternatives would be:

Rail Alternative 1: Do-Nothing

Rail Alternative 2: Rerouting or Bridging the Rail Spur

The Do-Nothing alternative would maintain the current route of the railroad spur and continue the existing route to the Powerhouse site. This alternative would avoid the environmental impacts of rerouting or bridging. It would also maintain rail access to the Powerhouse site and serve Carbon Rivers and other businesses that may choose to operate there. However, the fact that the spur traverses the preferred airport site would prevent the proposed Oak Ridge Airport from being constructed. As a result, the implementation of the Do-Nothing alternative for the rail would have the same consequences as discussed previously in this chapter if the airport were not constructed.

The second alternative looked at rerouting or bridging the rail section. The three options identified to continue rail service to the Powerhouse site included: 1) routing the spur around the south end of the runway through the Runway Protection Zone (RPZ); 2) Constructing two bridges to traverse two sections of Poplar Creek; and 3) Keep the spur in its current location and bridge the section that passes through the airport site.

Rerouting the rail through the southern RPZ would place the spur outside the Runway Safety Area but in the widest portion of the RPZ. Like Perimeter Road, the rail spur would be considered an incompatible land use being introduced into the RPZ of a new airport. As a result, the spur would have to be routed outside the RPZ or bridged. Since the Ultimate RPZ extends across Poplar Creek, rerouting outside the RPZ is not possible. Also, any alternative that would attempt to bridge the Ultimate RPZ would be a minimum of 1,000' long. Due to this option's land use incompatibility and potential cost to bridge at least 1,000' of the RPZ, this was not considered a viable option.

The second option looked at constructing two bridges across two sections of Poplar Creek to reach the Powerhouse area. This option would require the construction of over 6'100' of new rail and two bridges measuring a minimum of 500' each to access the Powerhouse site. Due to the social, environmental, and cost of constructing this option, it was not removed from consideration.

The final option was to leave the existing spur in place and construct a rail bridge to span that portion of rail that crosses the proposed airport site. This option was preferred for several reasons. First it leaves the rail spur in place, avoiding the social and environmental impacts associated with a new route. Secondly, it allows the rail to remain operational. The rail can continue to service the Powerhouse tenants creating job and economic opportunities, and the construction of the bridge will not hinder or delay the construction of the proposed Oak Ridge Airport. Also, with a bridge width of only 380' and at a cost of 6.3 million dollars, it is the least expensive of the three options. As the least socially and environmentally financially impactful option, it was selected as the preferred option and incorporated in the preferred airport development alternative.



## CHAPTER 4 AFFECTED ENVIRONMENT

The TDOT Aeronautics Environmental Standard Operating Procedure (SOP), issued January 2020, indicates that if the FAA determines that a full EA must be prepared for a Proposed Action, the required procedures, format, and content described in Chapter 6 of FAA Order 1050.1F, Environmental Impacts: Policies and Procedures (July 2015) must be used. Therefore, the purpose of this chapter is to “succinctly describe the environmental conditions of the potentially affected geographical area” of the proposed action and alternatives, as stated within FAA Order 1050.1F. The level of detail implemented while preparing this chapter coincides with the extent of expected consequences of the proposed airport.

FAA Order 1050.1F provides fourteen (14) environmental resource categories to be assessed and, where established, provides for each an appraisal threshold for potential impacts. Construction and secondary (induced) impacts that may be generated are addressed within each category. Cumulative impacts are similarly discussed. The categories for assessment are:

- Air Quality
- Biological Resources
- Climate
- Coastal Resources
- Department of Transportation Act, Section 4(f)
- Farmlands
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Historical, Architectural, Archeological, and Cultural Resources
- Land Use
- Natural Resources and Energy Supply
- Noise and Noise-Compatible Land Use
- Socioeconomics, Environmental Justice, and Children’s Environmental Health and Safety Risks
- Visual Effects
- Water Resources

The February 2020 FAA 1050.1F, “2020 Desk Reference” also gives details on the type and scale of analysis to be performed for each suspected impact category. The 2020 Desk Reference is intended to be used to supplement FAA Order 1050.1F. These reference materials were applied in describing the affected environment and the possible impacts that may be generated by implementation of the Proposed Action. From this guidance, twelve (12) environmental resource categories were identified as being present within the geographical area of the Proposed Action and reasonable alternatives. These categories are further addressed in the following subchapters.

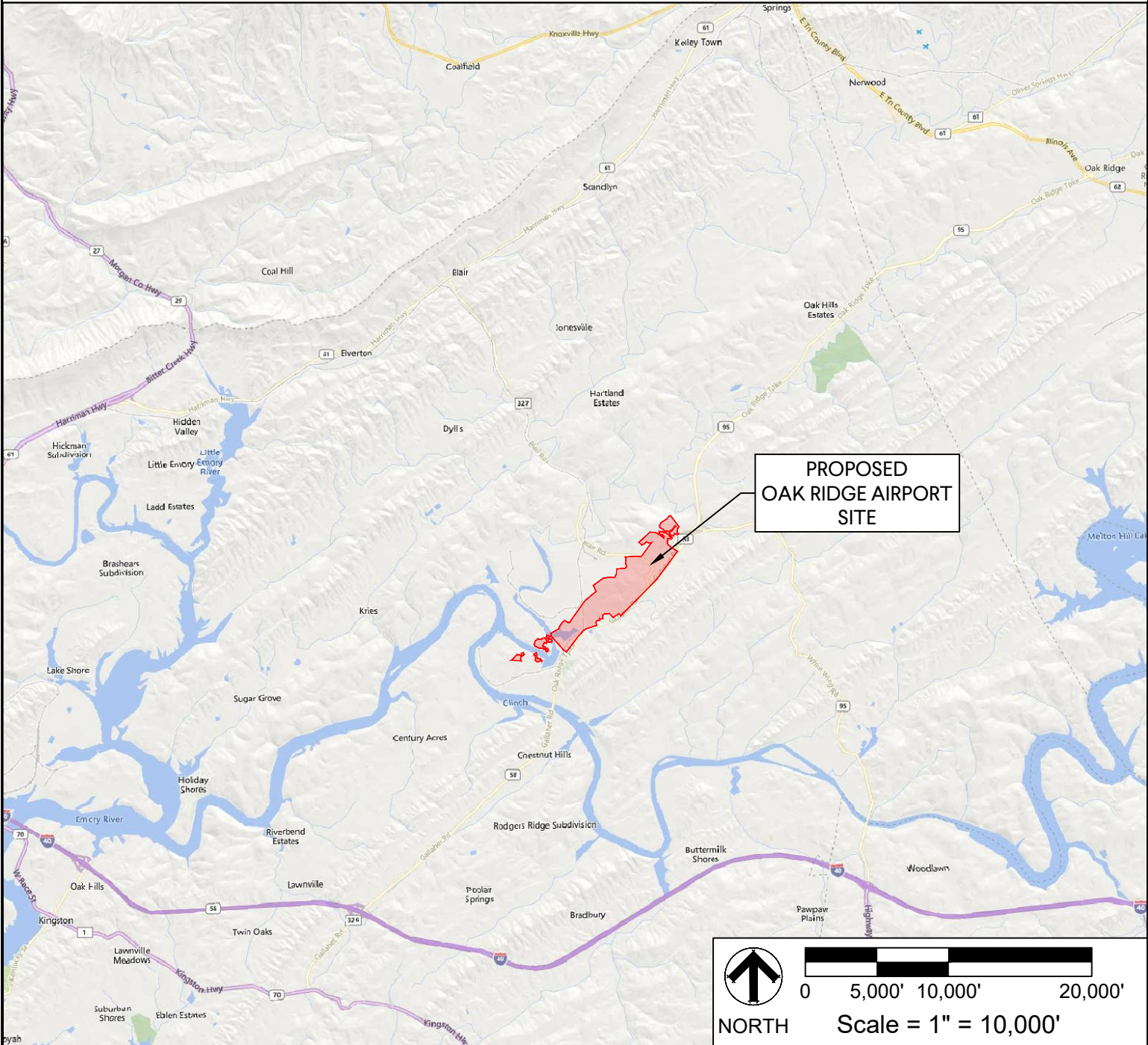
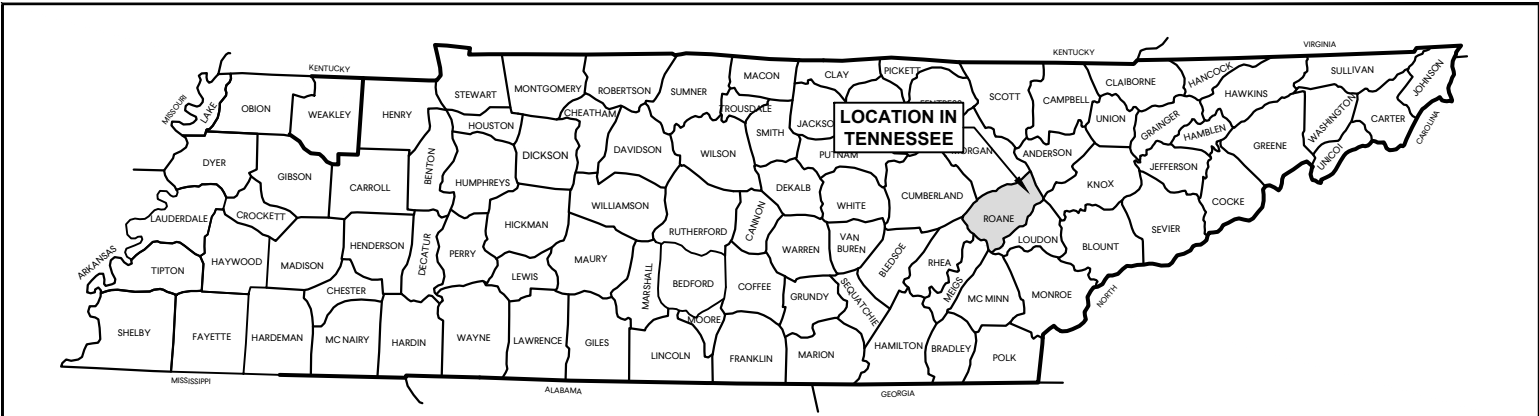
### 4.1 General Project Setting

The proposed Oak Ridge Airport is located on the west side of Oak Ridge Turnpike (Hwy 58) south west of the City of Oak Ridge in Roane County, TN, approximately 25-miles west of Knoxville. The proposed airport location is further described as being located on the eastern portion of the Heritage Center of the East Tennessee Technology Park (ETTP) on the Oak Ridge Reservation (ORR). It is situated just north east of a long meandering bend of Poplar Creek and ranges in elevation from approximately 1,000 to 800 feet above mean sea level (MSL).

The ETTP is accessed from Hwy 58 via Perimeter Road, Heritage Center Boulevard, Americus Ave, Victorious Blvd, and Blair Road. Heritage Center Blvd is a divided median road that serves as the main entrance to the ETTP and the K-25 History Center and National Park. All four of the roads traverse the proposed action site. A fifth road that is used to access the ETTP site is Haul Road. It is located on the north end of the site. It was constructed by the DOE to transport waste materials from the ETTP, over Hwy 58, to landfills located to the northeast. Haul Road is a “restricted access” roadway and only DOE vehicles are allowed to use it. A project Location Map and Vicinity Map are provided as Figure 4-1 and Figure 4-2 USGS Quadrangle Map. Industrial properties are located within the central portion and north of the proposed airport location and the rest of the proposed airport location and surrounding areas consists primarily of forested land. The proposed airport, and associated project area, is situated within the Ridge and Valley physiographic region of Tennessee, which is a relatively low-lying region between the Blue Ridge Mountains to the east and the Cumberland Plateau to the west. General land uses within a five-mile radius of the proposed airport would be categorized as forested mountain ranges, industrial land, and low density residential and commercial areas.

For the purpose of this EA, two study areas have been defined. The primary study area (PSA) is approximately 530-acres and is the area that was determined would potentially experience direct physical disturbance during the construction and operation of the proposed action. Some resource categories could have a potential to create impacts outside of the primary study area (i.e., noise, air, and land use); therefore, the secondary study area includes areas where both direct and indirect impacts may occur as a result of the proposed project. Both study areas are shown on Figure 4-3. The 530 acres designated for the construction and operation of the proposed Oak Ridge Airport is a combination of fee simple acquisition and DOE donated land. Once DOE releases ETTP property for redevelopment, it is transferred to CROET (Community Reuse Organization of East Tennessee) to develop and/manage. Consequently, all the property for the proposed action, with the exception of buildings 1007 and 1225 that are owned by JMM Realty, is being donated to the COR either directly from DOE or through CROET. Buildings 1007 and 1225 are to be purchased by the COR in fee simple.

The area to be directly impacted by the proposed airport construction consists of industrial areas and forested land. The PSA contains both upland and wetland habitats; as well as, several streams and portions of floodplain. The Wheat Community Archaeological District (40RE224), the George Jones Memorial Baptist Church site, which is listed on the National Register of Historic Places, and portions of the Black Oak Ridge Conservation Easement (BORCE) are located in the northeast corner of the PSA. In addition to these resources within the PSA, the K-25 Historical Area and the Happy Valley Work Camp (40RE577) are located within the secondary study area. The limits of these features are depicted on Figure 4-4.



REF. SHEET: BING STREET MAP  
 DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

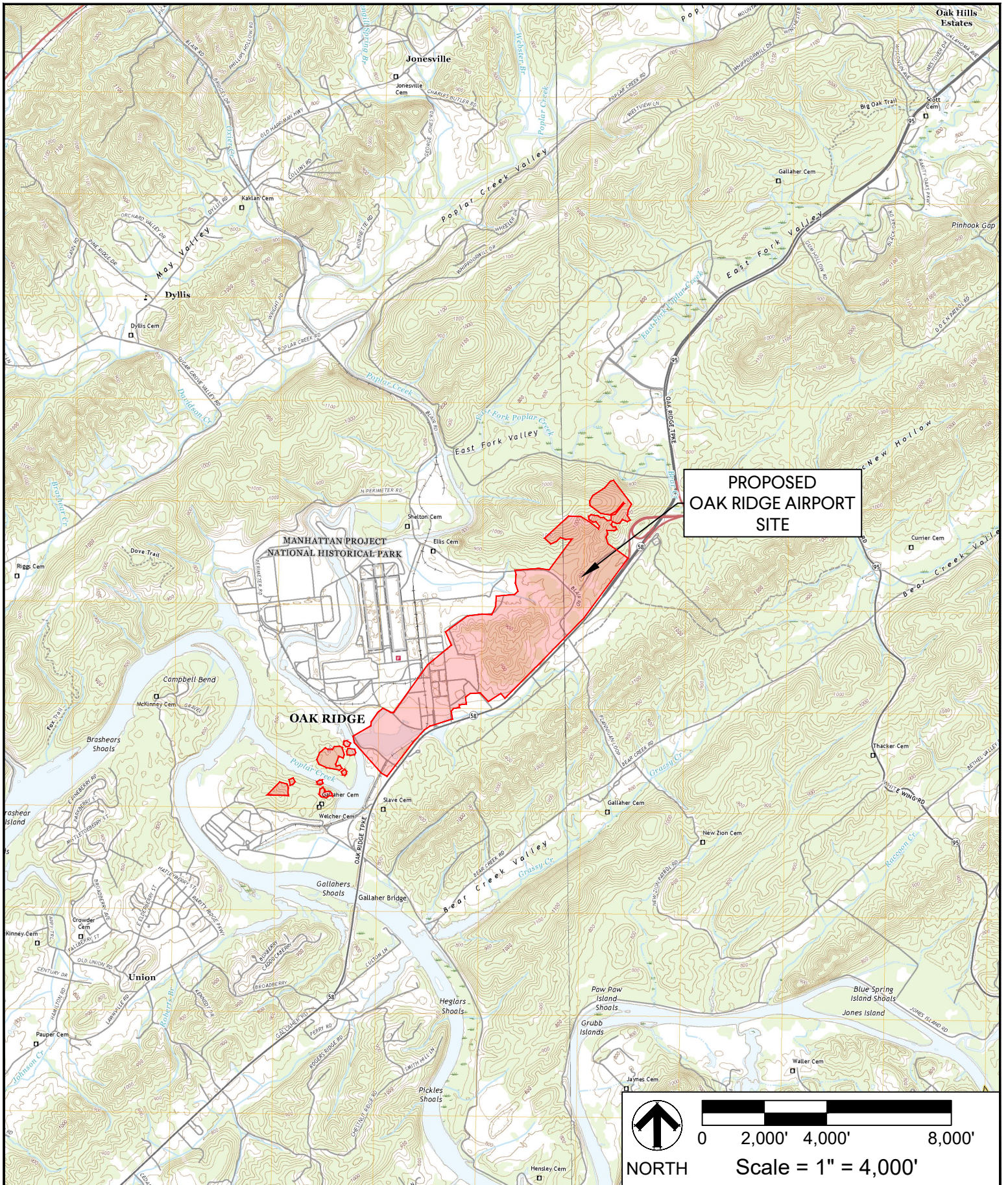
**PROPOSED OAK RIDGE AIRPORT**  
 OAK RIDGE, ROANE COUNTY, TENNESSEE

**FIGURE 4-1**

GENERAL LOCATION MAP  
 GMC # ENAS21A003  
 DATE: 08/13/2021  
 DRAWN BY: GLB

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 Franklin, TN 37067  
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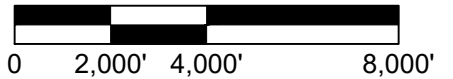




**PROPOSED  
OAK RIDGE AIRPORT  
SITE**



**NORTH**



**Scale = 1" = 4,000'**

REF. SHEET: BETHEL VALLEY, TN (2019) & ELVERTON, TN (2019) USGS QUADRANGLES  
DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

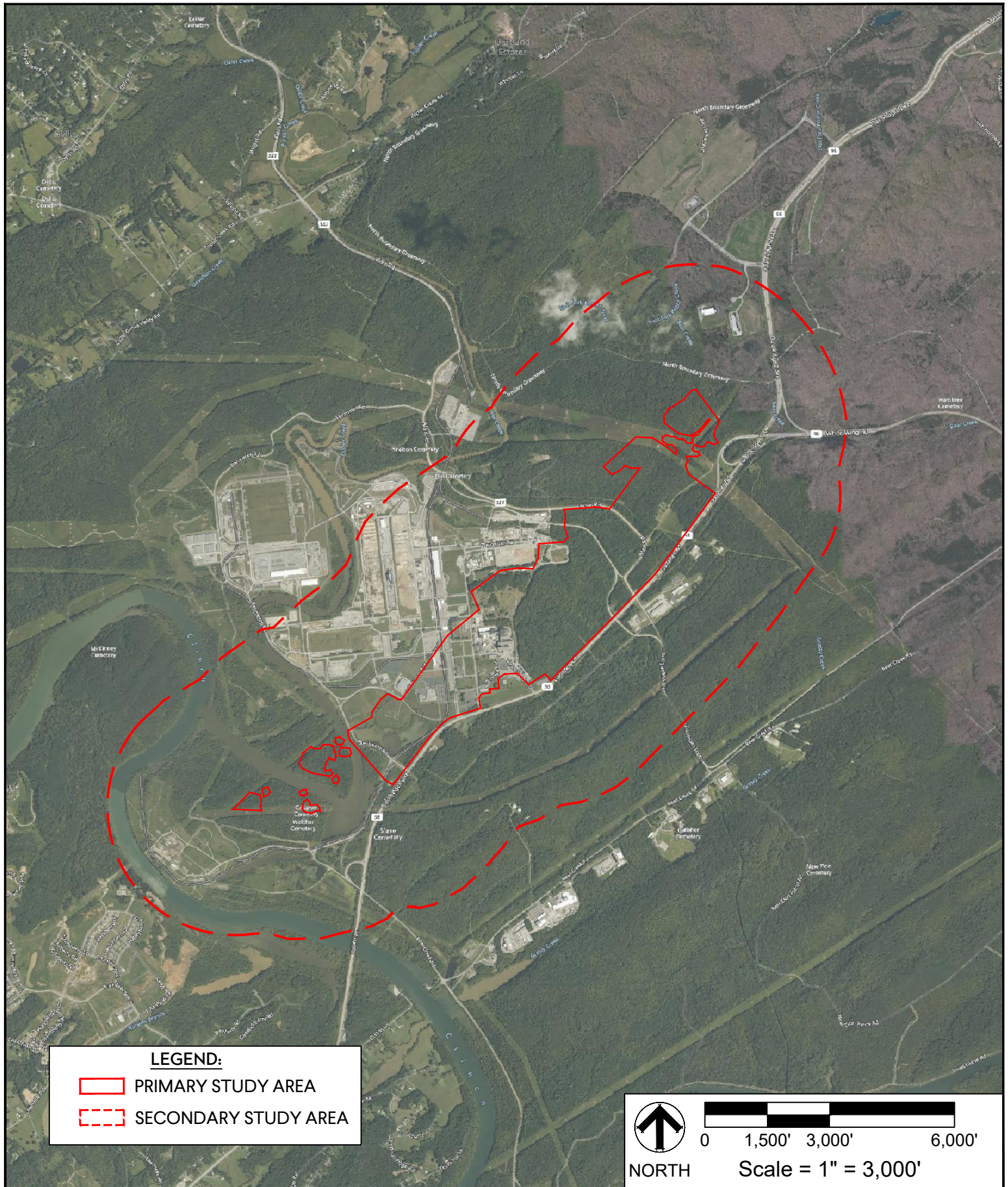
**PROPOSED OAK RIDGE AIRPORT**  
OAK RIDGE, ROANE COUNTY, TENNESSEE

**FIGURE 4-2**

USGS QUADRANGLE MAP  
GMC # ENAS21A003  
DATE: 08/13/2021  
DRAWN BY: GLB

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**LEGEND:**

- PRIMARY STUDY AREA
- SECONDARY STUDY AREA

NORTH      Scale = 1" = 3,000'

REF. SHEET: BING AERIAL PHOTOGRAPH  
 DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

**PROPOSED OAK RIDGE AIRPORT**  
 OAK RIDGE, ROANE COUNTY, TENNESSEE

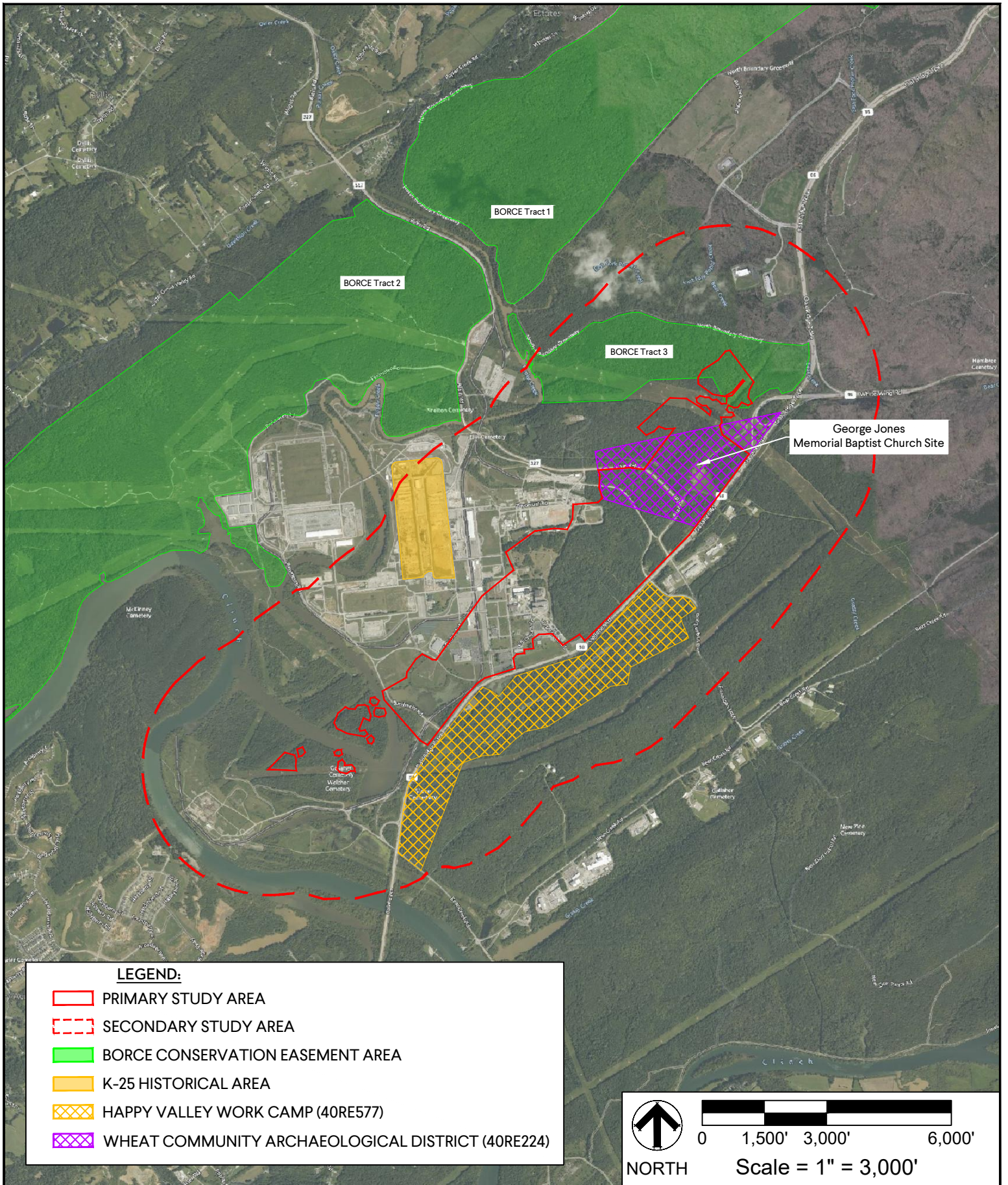
**FIGURE 4-3**

STUDY AREAS

GMC # ENAS21A003  
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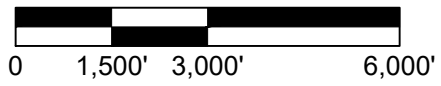


**LEGEND:**

- PRIMARY STUDY AREA
- SECONDARY STUDY AREA
- BORCE CONSERVATION EASEMENT AREA
- K-25 HISTORICAL AREA
- HAPPY VALLEY WORK CAMP (40RE577)
- WHEAT COMMUNITY ARCHAEOLOGICAL DISTRICT (40RE224)



NORTH



Scale = 1" = 3,000'

REF. SHEET: BING AERIAL PHOTOGRAPH  
DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

**PROPOSED OAK RIDGE AIRPORT**  
OAK RIDGE, ROANE COUNTY, TENNESSEE

**FIGURE 4-4**

RESOURCES NEAR THE PROPOSED AIRPORT

GMC # ENAS21A003  
DATE: 08/13/2021  
DRAWN BY: GLB

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Franklin, TN 37067  
T 615.614.0121  
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## 4.2 Non-Applicable Environmental Impact Categories

Per FAA Order 1050.1F, “[i]f an environmental impact category is not relevant to the proposed action or any of the reasonable alternatives identified (i.e., the resources included in the category are not present or the category is not otherwise applicable to the proposed action and alternative[s]), this should be briefly noted and no further analysis is required.” Therefore, the following is a list of resources that the No Action and/or the Proposed Action would not affect as they are not present within or near to the study area:

### 4.2.1 Coastal Resources

Roane County is not located within the Coastal Barrier Resource System as defined by the Department of the Interior (DOI) under The Coastal Barrier Resources Act of 1982. Similarly, the Coastal Zone Management Act of 1972, as administered by the National Oceanic and Atmospheric Administration (NOAA), and the NOAA National Marine Sanctuaries Act, are not applicable to the water resources of Roane County, Tennessee. Therefore, coastal resources are not relevant to this assessment.

### 4.2.2 Farmland

According to the Farmland Protection Policy Act (FPPA), “Farmland” does not include land already in or committed to urban development or water storage. The proposed project area meets the definition of land already committed to urban development and is therefore not considered farmland under the FPPA and farmland is not relevant to this assessment.

## 4.3 Suspected Environmental Impact Categories

The environmental resource categories listed below are, or may be, present within the geographical area of the Proposed Action or any reasonable alternatives. This determination was made after consulting with applicable regulatory agencies and after thorough investigations of the study areas. These categories, and the potential for significant impacts, and any required mitigation, are further discussed in the following chapter.

- Air Quality
- Biological Resources
- Climate
- Department of Transportation Act, Section 4(f)
- Floodplains
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Historic, Architectural, and Archeological Resources
- Land Use
- Natural Resources and Energy Supply
- Noise and Noise-Compatible Land Use
- Socioeconomics, Environmental Justice, and Children’s Environmental Health and Safety Risks
- Visual Effects
- Water Resources

## CHAPTER 5 ENVIRONMENTAL CONSEQUENCES AND MITIGATION

Based on guidance provided in FAA Order 1050.1F, this section of the EA provides detailed information on the analysis and evaluation of potential environmental impacts associated with the Preferred Alternative compared to the No Action alternative. It also provides information on the applicable regulatory settings, and the special purpose laws, if any, associated with each impact category. Per FAA Order 1050.1F, data and analyses provided herein are “presented in detail commensurate with the importance of the impact.”

The FAA has established significance thresholds for most, but not all environmental categories, as identified in FAA Order 1050.1F and the associated 2020 Desk Reference. Table 5-1 provides a summary listing of the suspected environmental impact categories identified in Chapter 4 along with a brief identification of potential impacts beyond FAA significance thresholds (if established). Potential effects from construction impacts of the proposed action and cumulative impacts, as required in the FAA Order 1050.1F, are also included.

**Table 5-1 Summary of Potential Impacts from Preferred Alternative**

<b>Environmental Impact Category</b>	<b>Potential Impact?</b>
Air Quality	Below significance thresholds
Biological Resources	Below significance thresholds
Climate	No
Department of Transportation Act, Section 4(f)	Below significance thresholds
Hazardous Materials, Solid Waste, and Pollution Prevention	Below significance thresholds
Historic, Architectural, and Archeological Resources	No
Land Use	No
Natural Resources and Energy Supply	No
Noise and Noise-Compatible Land Use	Below significance thresholds
Socioeconomics, Environmental Justice, and Children’s Environmental	Below significance thresholds
Health and Safety Risks	Below significance thresholds
Visual Effects	No
<b>Water Resources</b>	<b>Yes</b>
Cumulative Impacts	Below significance thresholds

*Source: GMC Oak Ridge Airport EA Summary Data 2023*

The sections following describe the regulatory setting, significance thresholds, where set, and environmental consequences of each resource that the Preferred Alternative and No-Action alternative may potentially affect. If an alternative evaluated in this section would result in significant environmental impacts, mitigation measures to address such impacts are also discussed. Mitigation measures as defined by 40 CFR include steps to avoid, mitigate, minimize, rectify, reduce, or eliminate the impact associated with a proposed agency action. The objective of mitigation is to control disturbance of the environment, including the individuals, and habitat that live in the environment. As detailed in Chapter 4, resource categories Coastal Resources and Farmland are not relevant to the proposed activities. No further analyses of these are required and, therefore, are not included in this chapter.



## **5.1 Air Quality**

The affected environment for air quality has been determined to not only include the Primary Study Area (PSA) but also the area immediately adjacent to the proposed project footprint. Potential impacts to air quality must be considered under both the Clean Air Act (CAA) and NEPA, as a part of FAA requirements. Air quality assessments are required for any Proposed Action receiving federal funding.

### **5.1.1 Regulatory Setting**

Air quality is monitored by the United States Environmental Protection Agency and is enforced under provisions of the Clean Air Act (CAA). The EPA has a classification system to designate areas throughout the United States according to the level of pollution in the air. These areas are known as attainment and non-attainment areas. Non-attainment is an area that does not meet one or more of the National Ambient Air Quality Standards (NAAQS) for the criteria pollutants designated in the CAA. An attainment area is considered to have air quality as good as or better than the national ambient air quality standards as defined in the CAA. These standards monitor for six common air pollutants; carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), ground-level ozone (O<sub>3</sub>), particulate matter (PM), sulfur dioxide (SO<sub>2</sub>), and lead (Pb). These pollutants may cause harm and negative effects to human and environmental health, in certain concentrations. The EPA regulates these pollutants and gives official designation for areas throughout the nation as either meeting (i.e. “in attainment”) or not meeting (i.e. “nonattainment”) these regulatory standards.

At the state level, the Division of Air Pollution Control, which is housed within Tennessee Department of Environment and Conservation (TDEC), is responsible to ensure that Proposed Actions adhere to applicable statutory and regulatory requirements. In addition, this agency also monitors the state’s existing air quality, enforces compliance with air quality standards, and participates in programs that are implemented to improve Tennessee’s air quality.

### **5.1.2 Significant Impact Threshold**

Identified in FAA Order 1050.1F, the significance threshold for air quality is defined as *“The action would cause pollutant concentrations to exceed one or more of the National Ambient Air Quality Standards (NAAQS), as established by the Environmental Protection Agency under the Clean Air Act, for any of the time periods analyzed, or to increase the frequency or severity of any such existing violations.”*

### **5.1.3 Analysis of Air Quality**

The proposed action would occur in Roane County, which is used as the ROI for the air quality analysis. A review of EPA’s Green Book – Current Nonattainment Counties for All Criteria Pollutants, indicates that only Sullivan County, TN is in nonattainment for Sulfur Dioxide. Anderson and Knox counties were at one time nonattainment areas for Ozone and Particulate Matter–2.5 (PM-2.5) and Roane County was a nonattainment area for PM-2.5. These counties have been redesignated (Roane County as recently as 2017) to maintenance areas and classified as marginal (3 years to attain) to moderate (6 years to attain) for pollutants.

FAA guidance requires both the No-Action alternative and the Preferred Alternative to be analyzed for the possibility of exceeding significant impact thresholds. The following paragraphs summarize the analysis for both alternatives.

**5.1.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative would result in no construction of the proposed airport, leaving air quality unaffected from the existing condition. As such, the No-Action alternative would not result in direct, indirect, or cumulative impacts to air quality. No further analysis would be necessary and mitigation efforts would not be required.

**5.1.5 Environmental Consequences of the Preferred Alternative**

Emissions that would be generated from a new airport were compared with Roane County emissions (along with adjacent Anderson and Knox Counties, which are a part of the Knoxville metro area), obtained from EPA’s 2017 National Emissions Inventory (NEI). The latest available NEI data for Roane, Anderson, and Knox Counties are presented in Table 5-2 and represent the most recent baseline criteria pollutant Emissions inventory (CY 2017 in tons/year).<sup>2</sup>

**Table 5-2 Baseline Criteria Pollutant Emissions Inventory (CY 2017 in tons/year)**

County	NOx	CO	SO2	PM-10	PM-2.5	VOCs
Anderson	1,419	529	591	213	178	142
Knox	1,657	1,984	158	432	235	626
Roane	1,781	702	2,000	578	515	89

CO = carbon monoxide; CY = calendar year; NOx = nitrogen oxides; PM10 and PM2.5 = particulate matter with a diameter of less than or equal to 10 microns and 2.5 microns, respectively; SO2 = sulfur dioxide; VOC = volatile organic compound.

Maintenance areas are those that were previously classified as nonattainment but where air pollution concentrations have been successfully reduced to levels below the standard. Maintenance areas are subject to special maintenance plans to ensure compliance with the NAAQS.

Hazardous air pollutants (HAPs) are chemicals that are known or suspected of causing cancer or other serious health effects. Unlike the criteria pollutants, HAPs currently do not have national ambient standards. Some volatile organic compounds (VOCs) are classified as HAPs. VOCs are also ozone precursors and include any organic compound involved in atmospheric photochemical reactions, except those designated by an EPA administrator as having negligible photochemical reactivity. HAPs are not covered by the NAAQS but may present a threat of adverse human health or environmental effects under certain conditions.

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<sup>2</sup> Source: EPA Dashboard for National Point Source Emissions:  
[https://edap.epa.gov/public/extensions/nei\\_report\\_2017/dashboard.html#point-db](https://edap.epa.gov/public/extensions/nei_report_2017/dashboard.html#point-db) (accessed 6/9/21).

Additionally, a review of the Tennessee Division of Air Pollution Control (TDAPC) website was made. The TDAPC directly serves 91 counties within the state and oversees and assists in the actions of Davidson, Hamilton, Knox, and Shelby counties, which have their own local air pollution control programs. The TDAPC identified no established or modifications to the State Implementation Plan (SIP) for Anderson, Knox, or Roane counties.

At the request of FAA's Memphis District Office, an Aircraft Emissions Report for the Ultimate Condition Forecast (Year 2040) using FAA's Aviation Environmental Design Tool (AEDT) was generated. These are the highest aircraft operations in the forecast period. As Table 5-3 indicates, a *de minimis* level of emissions for each of the listed pollutants was generated annually by the proposed Oak Ridge Airport aircraft operations. Given the negligible levels of emissions and the fact that the project is within a designated maintenance area, the proposed action will not have a significant impact on Air Quality.

The preferred access road from TN 58 (Oak Ridge Parkway) will handle automobile and construction traffic entering and exiting the airfield, both during construction and into normal daily operations following completion of the airport's construction. Using the 2040 forecast, the proposed Oak Ridge Airport will on-average contribute approximately 64 vehicle operations to and from the airport per day. Thus, an access road from TN 58 to the proposed airport would have approximately 64 automobile operations per day.

The Oak Ridge Turnpike had an AADT (average annual daily traffic) count of 14,944 in 2020, with a DHV-30 (design hour volume 30<sup>th</sup> highest of the year) of 1,617. By comparison, the proposed airport road traffic represents 0.4 percent of the daily traffic on TN 58. This level of traffic produces insignificant emissions, relative to the existing overall traffic totals. Blair Road, which may be used for some construction activities had an AADT of 3,358 in 2020, with a DHV-30 of 381.

During airport operation, emissions from ground support equipment (e.g., fuel truck), service/maintenance vehicles, and privately owned vehicles (employees and pilots) would be negligible. Based on air emissions modeling and analysis, the proposed action would not result in any substantial increase in air emissions. No applicable general conformity *de minimis* thresholds would be exceeded.

General conformity applies only to nonattainment and maintenance areas. If the emissions from a federal action proposed in a nonattainment area exceed annual *de minimis* thresholds identified in the rule, a formal conformity determination is required for that action. The thresholds are more restrictive as the severity of the nonattainment status of the region increases. The emissions generated by aircraft and automobiles entering and departing the proposed Oak Ridge Airport were below the *de minimis* air quality levels required by the TDAPC for a new stationary source. Consequently, no significant impacts from automobile traffic along the new airport access road is anticipated.

All of the emissions generated by a proposed Oak Ridge Airport were well below the *de minimis* air quality levels required by the TDAPC for a new stationary source. Additionally, the project design and construction will adhere to current standards and good engineering practices. As a result, the construction and operation of a new Oak Ridge Airport would not generate a significant air quality impact.

Table 5-3 Aircraft Emissions Report from AEDT: Year 2040 Forecast (tons/year)

ITEM	Climb Taxi	Climb Ground	Climb Below 1000	Climb Below Mixing Height	Climb Below 10000	Above 10000	Descend Below 10000	Descend Below Mixing Height	Descend Below 1000	Descend Ground	Descend Taxi	Full Flight
Fuel	0.00	66.17	89.83	244.37	576.60	0.00	165.58	111.61	38.46	8.20	0.00	742.17
Distance (mi)	0.00	1.76	3.12	14.30	58.75	0.00	52.49	26.65	6.70	0.82	0.00	111.23
Duration	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.04
CO	0.00	0.11	0.15	0.40	1.07	0.00	5.52	3.42	0.92	0.15	0.00	6.59
THC	0.00	0.01	0.01	0.02	0.05	0.00	0.75	0.45	0.10	0.02	0.00	0.80
TOG	0.00	0.01	0.01	0.02	0.06	0.00	0.87	0.52	0.12	0.02	0.00	0.93
VOC	0.00	0.01	0.01	0.02	0.06	0.00	0.86	0.51	0.12	0.02	0.00	0.92
NMHC	0.00	0.01	0.01	0.02	0.06	0.00	0.87	0.52	0.12	0.02	0.00	0.93
NOx	0.00	0.94	1.28	3.41	7.70	0.00	0.67	0.46	0.18	0.04	0.00	8.36
nvPM Mass	N/A	N/A	N/A	N/A	4.35	N/A	0.73	N/A	N/A	N/A	N/A	5.09
nvPM Number	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMSO	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.03
PMFO	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.02
CO2	0.00	208.77	283.42	770.99	1,819.20	0.00	522.39	352.12	121.35	25.86	0.00	2,341.60
H2O	0.00	81.85	111.12	302.28	713.25	0.00	204.82	138.06	47.58	10.14	0.00	918.07
Sox	0.00	0.08	0.11	0.29	0.68	0.00	0.19	0.13	0.05	0.01	0.00	0.87
PM 2.5	0.00	0.00	0.00	0.01	0.04	0.00	0.02	0.01	0.00	0.00	0.00	0.06

## **5.2 Biological Resources**

Biological Resources are described by the 2020 Desk Reference as “being valued for their intrinsic, aesthetic, economic, and recreational qualities.” This impact category includes an assessment of presence or use of the proposed study by terrestrial and aquatic plants and animal species. Such species include state or federally-listed threatened and endangered species, species of special concern, migratory birds, game species, and environmentally sensitive and/or critical habitats. Any potential impacts to biological resources that may result from changes to visual effects or negative effects of light emissions should also be discussed in this section.

### **5.2.1 Regulatory Setting**

The FAA 2020 Desk Reference identifies the various statutes, Executive Orders, and other guidance federally adopted in order to protect biological resources. Though many regulations are listed, the ones most applicable to the Proposed Action for this EA include the Bald and Golden Eagle Protection Act (BGEPA), the Endangered Species Act (ESA), and the Migratory Bird Treaty Act (MBTA). The United States Fish and Wildlife Service (USFWS) holds regulatory oversight of these programs on the federal level. In addition to federal laws, state regulations must also be considered. The Tennessee Wildlife Resources Agency (TWRA) and TDEC maintain and enforce state regulations for protected species.

### **5.2.2 Significant Impact Threshold**

Based on guidance outlined in FAA Order 1050.1F, a significant impact would occur if the United States Fish and Wildlife Service (USFWS) determine that the Proposed Action would be likely to jeopardize the existence of federally-listed threatened or endangered species or would result in adverse impacts to federally-designated critical habitat. The FAA has not established a significance threshold for non-listed species. In addition, Exhibit 4-1 of FAA Order 1050.1F provides other factors to consider in evaluating potential for impacts to biotic resources. These include, but are not limited to, extirpation of an unlisted species from a large area, adverse impacts to special status species or their habitats, substantial loss or degradation of native species or their habitats, or adverse impacts to reproductive success ability to sustain viable species populations.

### **5.2.3 Analysis of Biological Resources**

GMC contracted with S&ME to conduct a biological assessment of the proposed airport site. The purpose of the assessment was to identify and document the biotic communities located within the study area. Special emphasis was placed on any Federally or state-listed threatened or endangered species, or species proposed for listing, that may be present in the study area.

S&ME reviewed the USFWS online database (i.e., the Information, Planning, and Conservation (IPaC) decision support system, attached) and the TDNA rare species by quadrangle database to determine if T&E species, designated critical habitat, proposed critical habitat, Migratory Birds of Conservation Concern (MBCC), or other natural resources of concern may be affected by development activities at the site. Several federally- and state-protected species are listed within the vicinity of the project

site; however, the site is not located within designated critical habitat for any species. A table of the federal and state species protected species is provided in S&ME's Threatened and Endangered Species Report provided in Appendix A.

S&ME personnel visited the site in late March/early April 2021 to locate and delineate jurisdictional waters and potential T&E species concerns within the project area. The primary site-development area is bordered by Burchfield Road and the Poplar Creek Embayment to the southwest, Oak Ridge Turnpike to the south/southeast, forest to the north/northeast/northwest, and the K-25 Site footprint to the west. The surrounding area is primarily forest on all sides except for the west, which consists of the K-25 Site that is currently in the demolition, cleanup, and redevelopment stages. Eight small polygonal areas are also located to the southwest and northeast of the primary airport site. These areas will require tree clearing within the proposed runway protection zone; these areas are surrounded by mature forest.

Due to historical use of the site, the southwest third of the site is comprised of buildings, pavement, roads, utilities, stormwater ponds, and lawn. The remainder of the site consists of mature and successional forest transected by roads, cleared powerline easements, and church/cemetery grounds. Typical trees within the forest include various red and white oaks (*Quercus* sp.), maples (*Acer* sp.), hackberry (*Celtis occidentalis*), loblolly pine (*Pinus taeda*), hickory (*Carya* sp.), American beech (*Fagus grandifolia*), sweetgum (*Liquidambar styraciflua*), eastern red cedar (*Juniperus virginiana*), black cherry (*Prunus serotina*), redbud (*Cercis canadensis*), dogwood (*Cornus florida*), and elms (*Ulmus* sp.). Trees along the ponds and wetlands include sycamore (*Platanus occidentalis*), black willow (*Salix nigra*), and bald cypress (*Taxodium distichum*). Understory shrubs include tree saplings of the previously-mentioned species, privet (*Ligustrum sinense*), honeysuckle (*Lonicera maackii*), fire cherry (*Prunus pensylvanica*), spicebush (*Lindera benzoin*), coralberry (*Symphoricarpos orbiculatus*), and silky dogwood (*Cornus amomum*).

Multiple habitat types are located within the project area, including mature and successional deciduous and pine forest, grassland, riparian areas, wetlands, and ponds. Poplar Creek borders the site to the west but will not be impacted by the proposed project. The streams that may be impacted by the project consist of small drainages that are mostly intermittent, with a few low-flowing perennial streams also present. The water resources located within the study area are described in more detail in Section 5.12.

The findings of the field habitat survey documented potential suitable habitat for 28 of the 60 listed species may be present on site. Table 5-4 below provides a list of these species and the full detailed review of each specie and their habitat is included in the Threatened and Endangered Species Report provided in Appendix A.

**Table 5-4 Species with Potential Suitable Habitat within the Study Area**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Fed/State listed?</b>
<b>Indiana bat</b>	<b>Myotis sodalis</b>	<b>Federal Endangered</b>
<b>Northern long-eared bat</b>	<b>Myotis septentrionalis</b>	<b>Federal Endangered</b>
Southern bog lemming	Synaptomys cooperi	State Deemed in Need of Management
Tangerine darter	Percina aurantiaca	State Deemed in Need of Management
Tennessee dace	Chrosomus tennesseensis	State Deemed in Need of Management
Flame chub	Hemitremia flammea	State Deemed in Need of Management
Valley flame crayfish	Cambarus	State Endangered
Four-toed salamander	Hemidactylium scutatum	State Deemed in Need of Management
Green salamander	Aneides aeneus	Rare, Not State Listed
<b>White fringeless orchid</b>	<b>Platanthera integrilabia</b>	<b>Federal Threatened</b>
Northern bush- honeysuckle	Diervilla lonicera	State Threatened
Schreber's aster	Eurybia schreberi	State Special Concern
Mountain honeysuckle	Lonicera dioica	State Special Concern
Tall larkspur	Delphinium exaltatum	State Endangered
American ginseng	Panax quinquefolius	State Listed Special Concern
Butternut	Juglans cinerea	State Threatened
Nuttall's waterweed	Elodea nuttallii	State Special Concern
River bulrush	Bolboschoenus fluviatilis	State Special Concern
Mountain witch-alder	Fothergilla major	State Threatened
Tuberclad rein-orchid	Platanthera flava var. herbiola	State Threatened
Heller's catfoot	Pseudognaphalium helleri	State Special Concern
Branching whitlow-grass	Draba ramosissima	State Special Concern
Shining ladies' tresses	Spiranthes lucida	State Threatened
Northern pinesnake	Pituophis melanoleucus melanoleucus	State Threatened
Eastern slender glass lizard	Ophisaurus attenuates longicaudus	State Deemed in Need of Management
Bachman's sparrow	Peucaea aestivalis	State Endangered
Cerulean warbler	Setophaga cerulea	State Deemed in Need of Management



#### **5.2.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative would result in no construction of the proposed airport, leaving biological resources unaffected from the existing condition. As such, the No-Action alternative would not result in direct, indirect, or cumulative impacts to biological resources. No further analysis would be necessary and mitigation efforts would not be required.

#### **5.2.5 Environmental Consequences of the Preferred Action**

The conclusions of S&ME's study of the project area identified potential appropriate habitat for multiple state and federally listed species and requested comments from the USFWS, TWRA, and TDNA regarding the listed species and the potential impacts due to development of the property. Both the TWRA and the TDNA indicated that their records did indicate the presence of some of these species in the vicinity of the proposed project area, but not within the project area. The USFWS acknowledged that the project area does contain potential suitable habitat for White fringeless orchid (*Platanthera integrilabia*), Indiana bat (*Myotis sodalist*), and the Northern long-eared bat (*Myotis septentrionalis*) and stated that the project proponent should address potential impacts to these species.

#### **5.2.6 Mitigation**

Based on the responses received from each of the agencies contacted, further investigation and surveys for White fringeless orchid (*Platanthera integrilabia*) will be conducted prior to land disturbance activities. It is anticipated that all tree clearing would be conducted in the winter to avoid potentially impacting the Indiana bat (*Myotis sodalist*), and the Northern long-eared bat (*Myotis septentrionalis*). However, if tree clearing is not able to be conducted in the winter, surveys for these species will be conducted prior to any tree clearing or land disturbance. The results of the surveys will be provided to each agency for their review and concurrence with the findings prior to beginning construction of the proposed action.

### **5.3 Climate**

Climate change, according to the U.S. EPA, "refers to any significant change in the measures of climate lasting for an extended period of time." This change is a result of greenhouse gases (GHG), which include pollutants such as carbon dioxide (CO<sub>2</sub>), methane, nitrous oxide, and refrigerants that trap heat and radiation in the earth's atmosphere. The burning of fossil fuels also contributes significantly to GHG emissions. Per FAA data, aircraft engine emissions are roughly composed of about 70% CO<sub>2</sub>, making it the main GHG pollutant produced by the combustion of aviation (fossil) fuel. The Intergovernmental Panel on Climate Change (IPCC) reported that international and domestic aviation accounts for approximately 4.1% of global transportation GHG emissions. The EPA estimates that, in 2013, commercial aviation is responsible for more than 6.5% of CO<sub>2</sub> emissions across the nation (FAA Desk Reference, 2020). Therefore, minimizing GHG emissions, as well as identifying potential future impacts a Proposed Action may potentially cause to climatic conditions, is necessary.

### **5.3.1 Regulatory Setting**

On January 11, 2021, EPA adopted the first-ever rule in the United States regulating GHG emission standards for certain classes of airplanes. These proposed requirements are equivalent to existing GHG emission guidelines set by the International Civil Aviation Organization (ICAO) and are applicable to aircraft in production (on or after January 1, 2028) and new aircraft designs. The standards only apply to “subsonic jet airplanes with maximum takeoff mass (MTOM) greater than 5,700 kilograms and subsonic propeller-driven airplanes (e.g., turboprops) with a MTOM greater than 8,618 kilograms” per Federal Register Volume 86, No. 6. Examples of such aircraft include commercial jets like the Boeing 787, business jets such as the Cessna Citation, and larger civil turboprops like the Bombardier Dash 8.

### **5.3.2 Significant Impact Threshold**

Currently there are no significance thresholds for aviation GHG emissions, nor are there accepted methods of determining the significance applicable to aviation projects.

### **5.3.3 Analysis of Climate**

The affected environment for assessing the proposed action and alternatives potential impact on climate, as with air quality, includes the area within the primary study area and the area immediately adjacent to the proposed project area. Greenhouse gases (GHGs) are naturally occurring and also include man-made gases that trap heat in the earth's atmosphere. The FAA considers CO<sub>2</sub> emissions from aircraft to be the primary GHG of concern. The potential increase in airport operations due to the proposed action and alternative could contribute to an increase in GHG emissions compared to the no action alternative.

### **5.3.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative would result in no construction of the new airport. This would result in GHG emissions and associated air quality unaffected from the existing condition. As such, the No-Action alternative would not result in direct, indirect, or cumulative impacts to climate. No further analysis would be necessary and mitigation efforts would not be required.

### **5.3.5 Environmental Consequences of the Preferred Alternative**

It is anticipated that the proposed project would have a minimal overall impact on GHGs and climate change. The CEQ has noted “it is not currently useful for the NEPA analysis to attempt to link specific climatological changes, or the environmental impacts thereof, to the particular project or emissions, as such direct linkage is difficult to isolate and to understand.” There are no significance thresholds for aviation GHG emissions since there are currently no accepted methods of determining significance applicable to aviation projects given the small percentage of emissions they contribute. Therefore, no significant direct, indirect, or cumulative effects are anticipated due to the implementation of the proposed action.

**5.4 Section 4(f)**

Section 4(f) states that, subject to exceptions for de minimis impacts, the Secretary of Transportation (Secretary) may approve a transportation program or project requiring the use of publicly-owned land of a park, recreational area, or wildlife and waterfowl refuge of national, state, or local significance or land of a historic site of national, state, or local significance as determined by the official having jurisdiction over those resources only if: (1) there is no prudent and feasible alternative that would avoid using those resources, and (2) the program or project includes all possible planning to minimize harm resulting from the use.

**5.4.1 Regulatory Setting**

Table 5-5 lists the primary statutes and regulations related to Section 4(f) impacts.

**Table 5-5 Statues and Regulations Related to Section 4(f) Properties**

Statute	Location in U.S. Code or Public Citation	Implementing Regulation	Oversight Agency <sup>a</sup>	Summary <sup>a</sup>
Land and Water Conservation Fund Act of 1965	16 U.S.C. §§ 4601-4 et seq.	36 CFR part 59 et seq.	DOI	Section 6(f) provides funds for buying or developing public use recreational lands through grants to local and state governments. Section 6(f)(3) prevents conversion of lands purchased or developed with Land and Water Conservation Fund Act funds to non-recreation uses, unless the Secretary of the DOI, through the NPS, approves the conversion.
U.S. Department of Transportation Act – Section 4(f)	49 U.S.C. § 303	23 CFR part 774 et seq. <sup>3</sup>	DOT	Protects certain properties from use for DOT projects unless the relevant DOT agency (e.g., the FAA) determines there is no feasible and prudent alternative and a project includes all possible planning to minimize harm.
Safe, Accountable, Flexible, Efficient Transportation Equity	49 U.S.C. § 303	23 CFR part 774 et seq.	DOT	Amended Section 4(f) to simplify the process and approval of projects that have

<sup>3</sup> These regulations were issued by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), and are not binding on the FAA. However, they may be used as guidance to the extent relevant to aviation.

Act: A Legacy for Users (SAFETEA-LU) – Section 6009				only de minimis impacts on 4(f) properties.
U.S. Department of Defense Reauthorization	P.L. 105-85, Div. A, Title X, Section 1079, Nov. 18, 1997, 111 Stat. 1916	Not applicable	DOD	Exempts military flight operations and designation of airspace for such operations from Section 4(f).

<sup>a</sup> CFR = Code of Federal Regulations; DOD = U.S. Department of Defense; DOI = U.S. Department of the Interior; DOT = U.S. Department of Transportation; NPS = National Park Service; U.S.C. = United States Code.

Procedural requirements for complying with Section 4(f) are set forth in DOT Order 5610.1C. The FAA also uses Federal Highway Administration/Federal Transit Administration (FHWA/FTA) regulations in 23 CFR part 774 (73 Federal Register 13368 [March 12, 2008] and 73 Federal Register 31609 [June 3, 2008]) and FHWA guidance (e.g., Section 4(f) Policy Paper,<sup>4</sup> 77 Federal Register 42802 [July 20, 2012]). These requirements are not binding on the FAA; however, the FAA may use them as guidance to the extent relevant to aviation projects. See the FHWA website for further information at:

<https://www.environment.fhwa.dot.gov/legislation/section4f.aspx>.

#### **5.4.2 Significant Impact Threshold**

Based on guidance outlined in FAA Order 1050.1F, a significant impact would occur if the action involves more than a minimal physical use of a Section 4(f) resource or constitutes a “constructive use” based on an FAA determination that the aviation project would substantially impair the Section 4(f) resource. Resources that are protected by Section 4(f) are publicly owned land from a public park, recreation area, or wildlife and waterfowl refuge of national, state, or local significance; and publicly or privately owned land from an historic site of national, state, or local significance. Substantial impairment occurs when the activities, features, or attributes of the resource that contribute to its significance or enjoyment are substantially diminished.

#### **5.4.3 Analysis of Section 4(f) Properties**

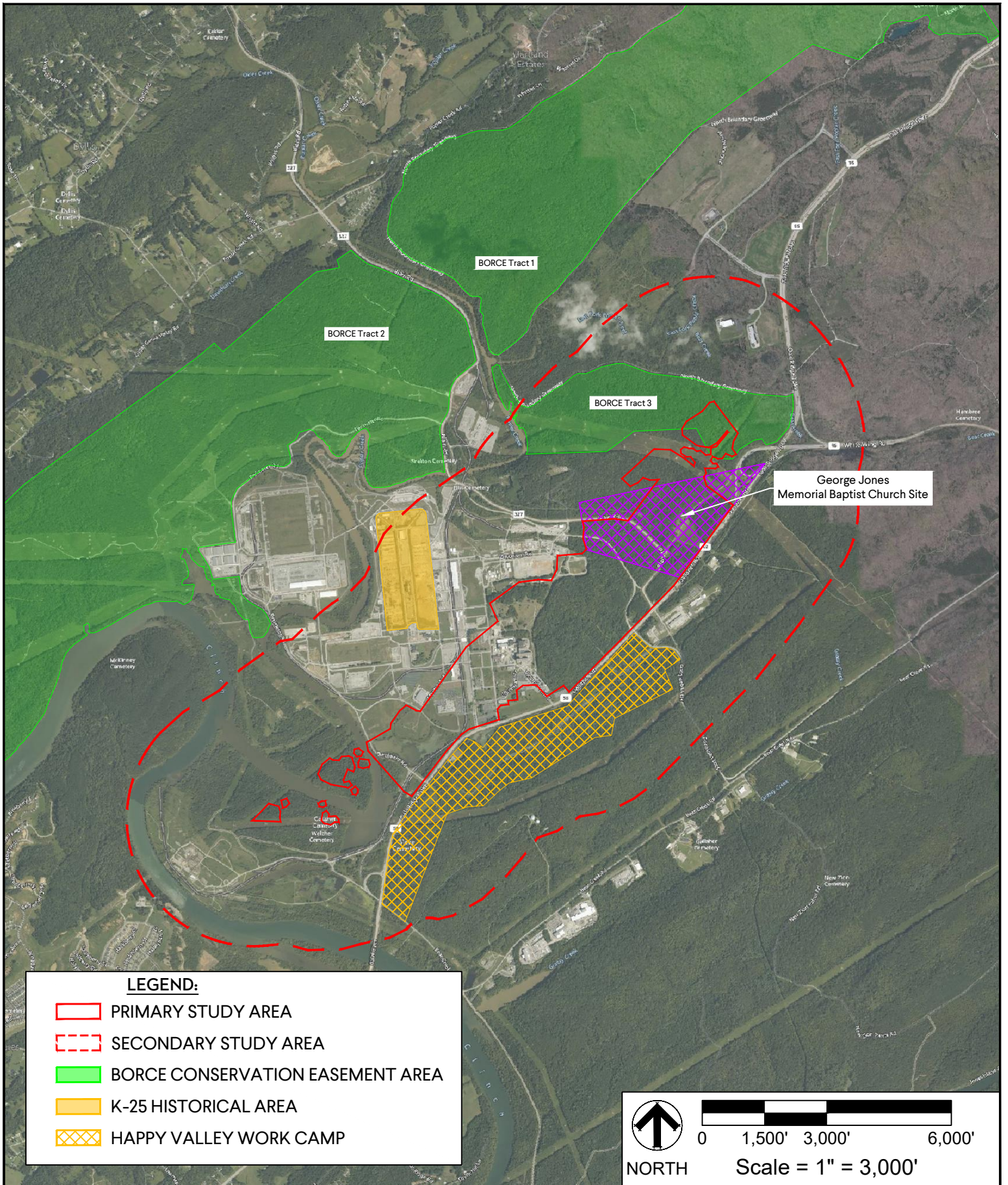
There are two (2) Section 4(f) resources located within the primary study area and two (2) additional Section 4(f) resources located within the secondary study area. These resources include areas within a National Park, resources listed or eligible for listing on the National Register of Historic Places (NRHP), and areas in a conservation easement. These resources and their location within the PSA and/or distance from the PSA are identified in Table 5-6 below and Figure 5-1 identifies the location of these resources in relation to the primary and secondary study areas.

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<sup>4</sup> <https://www.environment.fhwa.dot.gov/legislation/section4f/4fpolicy.pdf>

**Table 5-6 Section 4(f) Resources**

<b>Resource</b>	<b>Resource Type</b>	<b>Location and/or Distance from Primary Study Area</b>
K-25 Slab	Part of the Manhattan National Historical Park	790-feet north of the PSA
Happy Valley Worker Camp	NRHP eligible	100-feet south of the PSA on the south side of US 58
George Jones Memorial Baptist Church	NRHP-listed	Northeast corner of the PSA
BORCE	Conservation easement	Portions of Tract 3 are within the Primary Study Area

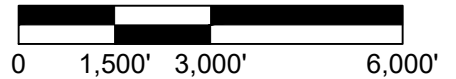


**LEGEND:**

-  PRIMARY STUDY AREA
-  SECONDARY STUDY AREA
-  BORCE CONSERVATION EASEMENT AREA
-  K-25 HISTORICAL AREA
-  HAPPY VALLEY WORK CAMP



NORTH



Scale = 1" = 3,000'

REF. SHEET: BING AERIAL PHOTOGRAPH  
DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

**PROPOSED OAK RIDGE AIRPORT**  
OAK RIDGE, ROANE COUNTY, TENNESSEE

**FIGURE 5-1**

SECTION 4(f) PROPERTIES

GMC # ENAS21A003  
DATE: 08/13/2021  
DRAWN BY: GLB

133 Holiday Court, Suite 102  
Franklin, TN 37067  
T 615.614.0121  
GMCNETWORK.COM



#### **5.4.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative would result in no construction of the new airport. As such, the No-Action alternative would not result in direct, indirect, or cumulative impacts to Section 4(f) resources. Due to the removal of trees between the George Jones Baptist Church and US 58, the church and adjoining cemetery would continue to be impacted by the traffic noise and visual impact of US 58. No further analysis would be necessary and mitigation efforts would not be required.

#### **5.4.5 Environmental Consequences of the Preferred Alternative**

Although there are Section 4(f) resources located within the primary and secondary study area, the proposed action would not physically use any of these resources. The proposed project was also assessed for its potential constructive use of a Section 4(f) property such as impacts due to an increase in noise and potential visual effects. The noise analysis conducted for the proposed action, which is described in detail in Section 5.9, documents that the average annual noise generated by the proposed airport's construction and operation are below those levels emitted by the traffic on US 58; therefore, there would be no significant increase in noise levels in the vicinity of the airport. An analysis of the visual effects of these resources, described in more detail in Section 5.11 also documents that there would be no visual effect to any of these resources. Therefore, the proposed action would not substantially impair or have a negative effect or contribute to a cumulative impact on Section 4(f) resources.

### **5.5 Hazardous Materials, Solid Waste, and Pollution Prevention**

This chapter includes an assessment of any hazardous material(s) that might be generated by a Proposed Action, used during the construction or operation of a Proposed Action, the potential to encounter existing hazardous materials at a contaminated site, and/or the potential to interfere with any ongoing remediation of existing contaminated sites. With respect to solid waste and pollution prevention, the analysis should identify any anticipated refuse materials that may be discarded on the project site and the ability to avoid, prevent, or reduce pollutant discharges or emissions.

#### **5.5.1 Regulatory Setting**

Chapter 7 of the 2020 Desk Reference identifies the EPA as the federal agency tasked with the compliance and enforcement of regulations involving hazardous substances. The following federal statutes (and state equivalents, if applicable) are those that address hazardous materials, solid waste, and pollution prevention as a part of the NEPA process and are applicable to the activities of the Proposed Action.

##### **5.5.1a Comprehensive Environmental Response, Compensation, and Liability Act**

Referred to as "CERCLA", this Act is directed by the EPA and institutes financial liability for those responsible in hazardous substance releases. In situations where the responsible entity cannot be identified, a trust was established that provides such finances for cleanup. Additionally, this Act established the National Priority List 5.9 (NPL), which is a listing of sites with known releases or threatened releases of hazardous substances in the United States and its territories. The NPL is

helpful in assessing sites that may require further investigation. The current NPL can be viewed and researched by state at <https://www.epa.gov/superfund/national-priorities-list-npl-sites-state>. Additionally, the EPA hosts another interactive website, [www.epa.gov/cleanups](http://www.epa.gov/cleanups), that provides information on various types of federal programs responsible for the identification and cleanup of land throughout the United States.

#### 5.5.1b Pollution Prevention Act

This act is regulated by both the Council of Environmental Quality (CEQ) and the EPA and is intended to require pollution prevention and reduction control of source pollutants so that wastes (hazardous and non-hazardous) would have less of an impact on the environment.

#### 5.5.1c Resource Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA) established guidelines for the generation, storage, treatment, and disposal of hazardous waste and non-hazardous solid waste in the United States. Program goals are the protection of human health and the environment, the conservation of energy and natural resources, the reduction of waste volumes and the sustainable, responsible management of waste products. Three different programs within the RCRA are established for the oversight of separate waste types identified as 1) Hazardous wastes; 2) Non-hazardous wastes; and 3) Underground storage tanks (UST). Of these programs, the hazardous wastes and non-hazardous waste programs are most relevant to FAA actions, per the 2020 Desk Reference.

#### 5.5.1d Executive Order 12088, Federal Compliance with Pollution Control Standards

This Executive Order directs federal agencies to comply with applicable pollution control standards and to consult with the EPA, state, and local agencies concerning the best management practices (BMP) available for the prevention, control, and abatement of environmental pollution. To meet the directives of this Order, NEPA documents should identify how the FAA is complying with the applicable pollution control standards.

#### 5.5.1e CEQ Memorandum on Pollution Prevention and the National Environmental Policy Act

This Memorandum encourages early efforts by federal agencies to consider opportunities for pollution prevention. The 2020 Desk Reference indicates that “in accordance with this guidance, the FAA should, to the extent practicable, include pollution prevention considerations in the proposed action and its alternative(s); address pollution prevention in the environmental consequences section; and disclose in the Record of Decision (ROD) the extent to which pollution prevention was considered.”

#### 5.5.1f FAA Orders and Advisory Circulars

The 2020 Desk Reference lists several FAA Orders and Advisory Circulars (AC) to be consulted as part of the NEPA process. Those applicable to the Proposed Action of this EA include:



- Order 1050.10C, Prevention, Control and Abatement of Environmental Pollution at FAA Facilities [http://www.faa.gov/documentLibrary/media/Order/ND/1050\\_10c.pdf](http://www.faa.gov/documentLibrary/media/Order/ND/1050_10c.pdf)
- AC 150/5320-15A, Management of Airport Industrial Waste [http://www.faa.gov/documentLibrary/media/advisory\\_circular/150-5320-15A/150\\_5320\\_15a.pdf](http://www.faa.gov/documentLibrary/media/advisory_circular/150-5320-15A/150_5320_15a.pdf)

#### 5.6.1g State Regulations

Within the State of Tennessee, TDEC holds primary oversight for the regulation, compliance, and enforcement of policies regarding hazardous waste, solid wastes, and pollution prevention. There are numerous state laws pertaining to this impact category and many different Division offices within the Department are responsible for components of each. Successful compliance with applicable state law should be achieved by coordination with the appropriate TDEC Division offices.

### **5.5.2 Significant Impact Thresholds**

A significance threshold for hazardous materials, solid waste or pollution prevention has not been established yet by the FAA. However, factors to consider regarding this category include a consideration for whether the Proposed Action would violate any applicable federal, state, local, or tribal laws; or create an adverse impact to human health and the environment; or result in a considerable amount of hazardous or non-hazardous waste that may exceed local capacity. The site for the proposed activities should also be investigated to identify if it holds a record for contamination, such as a site listed on the EPA NPL or mapped as a site undergoing cleanup as part of one or more established federal programs. Additionally, the Proposed Action should demonstrate compliance with any applicable FAA Orders or ACs pertaining to hazardous materials, solid waste or pollution prevention.

### **5.5.3 Analysis of Hazardous Materials, Solid Waste, and Pollution Prevention**

In the early 1940s, the United States Department of Energy (DOE) constructed three facilities on the approximately 37,000-acre Oak Ridge Reservation in Oak Ridge, Tennessee: Oak Ridge National Laboratory, Oak Ridge Y-12 Plant, and East Tennessee Technology Park (area and facilities together comprise the Site). Activities at these facilities have resulted in the release of hazardous substances (e.g., polychlorinated biphenyls and mercury) and radioactive compounds, leading to the contamination of natural resources both at the Site and in the surrounding environment.

GMC contracted with S&ME to conduct a Phase I Environmental Site Assessment (ESA) of the proposed airport site. The purpose of the assessment was to identify any potential Recognized Environmental Conditions (RECs) within the PSA. Based on the results of the Phase I ESA, S&ME identified RECs in connection with the subject property. Based upon historical records, regulatory databases and records, and on-site observations, a Vapor Encroachment Condition (VEC) exists. In addition, the PSA currently contains several groundwater monitoring wells that are monitored by the Department of Energy (DOE) as part of the ongoing investigations and remediation efforts to address the contamination caused by the historical use of the site.

#### **5.5.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative would result in no construction of the proposed airport leaving the site unchanged from the existing condition. As such, the No-Action alternative would not generate hazardous waste, solid waste or result in pollution discharges beyond existing conditions. No significant direct, indirect, or cumulative impacts would result and no further analysis would be necessary and mitigation efforts would not be required.

#### **5.5.5 Environmental Consequences of the Preferred Alternative**

The majority of property being used for the proposed Oak Ridge Airport Site is within the DOE's ETTP and will be transferred to the City of Oak Ridge either directly from the DOE or through CROET (the entity tasked with the reindustrialization of the ETTP site). Prior to any sale or transfer, the DOE evaluates the property and must remediate the property to an environmentally clean condition. All of the property being transferred to the COR from the DOE has undergone this process and is environmentally clean of hazardous waste. Additionally, the preferred alternative would remove three existing buildings within the proposed airport footprint: Bldg. 1007, Bldg. 1000 and Bldg.1225. All three of the buildings underwent Phase 1 evaluations for hazardous materials. The report is included in Appendix B for reference. All hazardous materials will be removed from the buildings prior to their demolition and taken to a designated landfill maintained by the DOE for these materials.

During construction, the use of materials classified as hazardous or regulated would consist primarily of fuels and other petroleum-based substances. The construction contractor(s) would be required to store these materials in dedicated staging areas and implement appropriate federal and state BMPs in order to reduce the potential for impacts associated with the handling and use of these materials.

Solid wastes associated with construction of the proposed action and alternative are expected to be comprised of waste materials typical of earthwork and paving projects. The volume of solid waste is expected to be minor during construction as most of the earthwork would involve moving dirt from one area to another within the study area. Construction waste not diverted, recycled, or re-used would be transported to and disposed of in local permitted construction/demolition facilities or in accordance with applicable state and local requirements. Therefore, no significant construction-related solid waste impacts would occur.

In order to address the previously documented contamination within the PSA, the DOE has agreed to drain the pond on the west end of the PSA, remove the existing weir and fish, and fill the pond with appropriate fill material. The filling of the pond is being completed under a CERCLA action of the DOE. The DOE is responsible for all environmental mitigation resulting from this action. In addition, the existing groundwater monitoring wells within the proposed airport boundary will be closed and capped; however, specific locations within the new airport boundary will be provided should continued groundwater monitoring be determined to be necessary and new monitors need to be installed. The COR will work with the DOE for appropriate locations that provide the needed information but do not impede the operation of the proposed airport.

Through the use of BMPs and adhering to federal, state, and local requirements, the Preferred Alternative is not anticipated to result in significant direct, indirect, or cumulative effects of hazardous materials, solid waste, or pollution impacts. No further analysis would be necessary and mitigation efforts would not be required. If hazardous materials are encountered and identified during construction activities, the proper regulatory agencies will be notified and appropriate actions will be taken by the Airport Sponsor and the contractor.

## **5.6 Historical, Architectural, Archeological, and Cultural Resources**

The 2020 Desk Reference defines resources within this environmental impact category as “past and present expressions of human culture and history in the physical environment, such as prehistoric and historic archaeological sites, structures, objects, districts, which are considered important to a culture or community. Historical, architectural, archeological, and cultural resources also include aspects of the physical environment, namely natural features and biota, which are a part of traditional ways of life and practices and are associated with community values and institutions.” Any potential impacts to historical, architectural, archeological, and/or cultural Resources that may result from changes in visual effects or negative effects of light emissions should also be discussed in this section, per the 2020 Desk Reference.

### **5.6.1 Regulatory Setting**

There are numerous regulations regarding resources within this impact category. The full listing of applicable federal policies is listed within Appendix B.7 of the FAA 2020 Desk Reference. The following federal statutes (and state equivalents, if applicable) are those that historical, architectural, archeological, and cultural resources as a part of the NEPA process and may be applicable to the activities of the Proposed Action.

#### **5.6.1a Historic Sites Act**

This national policy Act declares that historic sites, objects, properties of national significance, and other similar resources be preserved in public use. It allows the federal government authority to conduct historic surveys, secure and preserve historic data, and to acquire and preserve archeological and historic sites. The Act also establishes the National Historic Landmarks (NHL) program which designates “properties having exceptional value in commemorating or illustrating the history of the United States.”

#### **5.6.1b National Historic Preservation Act**

Under Section 106 of the National Historic Preservation Act of 1966 (NHPA), the FAA is required to consider effects to properties listed on the National Registry of Historic Places (NRHP) and coordinate with the appropriate State Historic Preservation Officer (SHPO) on all undertakings that have the potential to affect historic properties. Section 110(f) of the NHPA requires the FAA to evaluate impacts to National Historic Landmarks (NHLs). It should be noted that NEPA and NHPA are two separate statutes and each has a unique set of regulations and differing review processes. However, they require similar scoping and agency consultation.

### 5.6.1c State Regulations

The Tennessee Historical Commission (THC) acts as the SHPO for Tennessee. As such, the THC has specific responsibilities throughout the Section 106 review process, including offering consultation on the Area of Potential Effect (APE) for a proposed activity. This agency's mission is "to protect, preserve, interpret, maintain, and administer historic places; to encourage the inclusive diverse study of Tennessee's history for the benefit of future generations; to mark important locations, persons, and events in Tennessee history; to assist in worthy publication projects; to review, comment on, and identify projects that will potentially impact historic properties; to locate, identify, record, and nominate to the NRHP all properties which meet National Register criteria; and to implement other programs of the NHPA of 1966 as amended."

Sites within the state that have been placed on the "National Register" of Historic Places can be identified by using the THC online data viewer.<sup>5</sup> This tool is only useful in locating National Register sites and is not exhaustive of all known or unknown historical, architectural, archeological, and cultural resources.

### **5.6.2 Significant Impact Threshold**

A significance threshold for this environmental impact category has not been established yet by the FAA. However, FAA order 1050.F indicates that special consideration should be given in "situations in which the proposed action or alternative(s) would result in a finding of Adverse Effect through the Section 106 process. It should be noted that NHPA regulations within 36 CFR § 800.8(a) state that an adverse effect finding does not necessarily require an EIS under NEPA. This is because an Adverse Effect under Section 106 does not directly correlate to a significant effect by NEPA review. In such cases, the FAA will make the final determination on the level of impact under NEPA. The Section 106 consultation process and guidance from the Advisory Council on Historic Preservation and the SHPO may assist the FAA in this determination.

### **5.6.3 Analysis of Historical, Architectural, Archeological, and Cultural Resources**

The project area for Section 106 investigations is known as the Area of Potential Effects (APE). Per 36 CFR § 800.4(a), the APE is typically considered "...the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. The APE is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking." The 2020 Desk Reference also identifies other factors to consider when determining the APE. These include operational effects, such as increased noise, vibration, lighting, and increased traffic and ground-disturbing effects, such as site excavation, staging and construction areas. The limits of the APE are determined after coordination with the SHPO and concurrence obtained.

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<sup>5</sup> <https://tnmap.tn.gov/historicalcommission>

This direct APE is northwest of US Highway 58 and includes portions of the ETPP that were previously developed, as well as wooded undeveloped areas. Blair Road, a DOE Haul Road, and both overhead and underground utilities cross the APE. The indirect APE is a 3,000-foot buffer that, based on modeling, will be subject to potential 55 decibel (dB) noise levels from aircraft. Given the local topography, in a valley between two ridges, a 3,000-foot buffer will also serve as an appropriate APE for potential visual impacts.

Four (4) previous investigations have been conducted within the APE.

1. In 1974, the University of Tennessee conducted an archaeological survey of the Oak Ridge Reservation. This study's stated goal was to identify prehistoric sites, but the investigators also documented resources dating to the historic period (Fielder 1974).
2. An architectural and archaeological survey of the K-25 Site and surrounding areas was conducted in 1994 (Morris 1998). This investigation concluded that the earthmoving associated with the K-25 plant and other facilities would have likely destroyed subsurface archaeological deposits. At the time of the survey, timber was being cleared due to the southern pine beetle infestation. This timbering caused extensive ground disturbance.
3. The Phase I Archaeological Survey of Parcel ED-3 and Historic Assessment of the Happy Valley Worker Camp, Roane County, Tennessee (Reed et al. 2008) survey investigated 182 acres, in an attempt to identify the Happy Valley temporary worker housing area. The Happy Valley survey is outside of the Direct APE, on the opposite side of US Highway 58.
4. The Phase I Archaeological Survey of Portions of Site 40RE224, The Wheat Community, Roane County, Tennessee (Callahan-Mims and Avery 2014) consisted of an archaeological investigation at the former location of five houses owned by John E. and George Arnold (711A and B), Sallie Belle Patton (722A), Ralph L. Phillips (725A), and Warren E. Jones (728A), and a barn owned by C. C. Watson (726A), and the location of Roane College at the time that the property was purchased by the U.S. War Department.

Previous investigations have identified a variety of resources in the APE:

**K-25 facility** – A Memorandum of Agreement (MOA) for the interpretation of historic properties at ETPP was executed in 2012. The MOA stipulates preservation of the K-25 Preservation Footprint and includes development of an equipment building and viewing tower to display equipment from the K-25 facility. A history center will also be developed in the Fire Station housed in building K-1652. The proposed undertaking will have no effect on this resource.

**Happy Valley Worker Camp (40RE577)** – The identified resources associated with the Happy Valley Worker Camp are identified with site number 40RE577. These resources are eligible for inclusion on the National Register of Historic Places (NRHP), under Criterion A for their association with the Manhattan Project (Reed et al. 2008). The proposed undertaking will have no effect on this resource.

**Wheat Community Archaeological District (40RE224)** – Site 40RE224 includes the George Jones Memorial Baptist Church, the George Arnold Property (site 711B), and Roane College.

George Jones Memorial Baptist Church was listed on the NRHP in 1992 and is significant under Criterion A for its association with the social history of the Wheat community, especially in reference to the Manhattan Project. The church is significant under Criterion C as a good example of the type of vernacular churches that were commonly constructed in rural areas.

Callahan-Mims and Avery (2014) found Sites 711A (John E. Arnold Property), 725A (Ralph Phillips Property), 726A (Chester C. and Hattie Watson Property), 728-1 and 728-2 (Warren E. Jones Property), and CRA-1 not NRHP-eligible and recommended that further investigation of these sites was not warranted. Site 722A (Sallie Belle Patton Property) was not relocated during the 2014 survey. Callahan-Mims and Avery recommended additional investigations to evaluate the significance of Roane College and the George Arnold Property (Site 711B) and determine whether they contribute to the significance of the Wheat Community Archaeological District. Implementation of the proposed undertaking will remove trees in the Wheat Community Archaeological District, an activity that has the potential to disturb significant archaeological deposits, if present.

**Cemeteries** – There are five cemeteries located within the indirect APE, but outside of the proposed airport construction limits. The Wheat Community African Burial Ground is located east of US Highway 58 and a cemetery associated with the Crawford Cumberland Presbyterian Church is located near the interchange of US Highway 58 and SR 95. The Ellis Cemetery is north of the direct APE, along Blair Road, and the Gallaher and Welcker cemeteries are south of the direct APE, near the confluence of Poplar Creek and the Clinch River.

The George Jones Memorial Cemetery is located adjacent to the church and within the direct APE.

Cemeteries are not usually considered eligible for listing in NRHP; however, they can be eligible under certain Criteria Considerations, usually Criteria Consideration D. Criteria Consideration D states that: “a cemetery is eligible if it derives its primary significance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events.” The cemeteries are small family plots or associated with a church, a pattern typical of a rural community. The people interred in the nearby cemeteries are multiple members of the Wheat Community, or were enslaved by members of the Wheat Community, and lived in the area, none of whom have been identified by past studies as being of transcendent importance.

#### **5.6.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative would result in no construction of the proposed airport leaving the site unchanged from the existing condition. As such, the No-Action alternative would not result in any direct, indirect, or cumulative impacts and no further analysis would be necessary and mitigation efforts would not be required. The George Jones Church and Cemetery will continue to be impacted visually and by noise from US 58.

### **5.6.5 Environmental Consequences of the Preferred Alternative**

Through several virtual Section 106 Consultation Meetings and review of available background information, FAA determined that the proposed airport will adversely affect the NRHP-listed George Jones Memorial Baptist Church. In a December 29, 2021 letter THC concurred with this determination and further recommended that “the airport design and construction should take into consideration the ongoing cultural resource mitigation measures being implemented to address the Department of Energy’s previous adverse effect to the now-demolished K-25 facility.”

### **5.6.6 Mitigation**

Anticipated adverse effects to the NRHP-listed George Jones Memorial Baptist Church associated with the proposed airport will consist of limited tree removal. The topic of tree removal was discussed extensively during the virtual Section 106 Consultation Meetings. Within the George Jones Memorial Baptist Church cemetery, trees will be carefully removed using hand tools and the work will be performed by skilled tree removal specialists to address the concerns related to the removal in the vicinity of headstones. Where practicable, the removed trees within the cemetery will be replaced with lower-growing species, selected in coordination with designated Wheat Community representatives.

Outside of the cemetery and church boundaries, tree removal will be performed by clearing and grubbing to limit the potential for taller trees to re-establish in these areas. Either the City of Oak Ridge or the U.S. DOE will be responsible for periodically maintaining the cleared areas, so that airport operations are not jeopardized by future tree growth.

FAA will maintain open lines of communication with DOE so that consideration of the ongoing activities memorializing the demolished K-25 facility are incorporated into planning and construction of the new airport.

In addition to these mitigation efforts, the realignment of the runway from what was shown in the original ALP moved the airport and runway further away from the Church and Cemetery and was able to move those resources off of the centerline of the approach. The realignment also reduced the number of trees impacted. During the Section 106 consultation it was shown that those visiting the National Park would not be able to physically see the proposed action due to elevations and the limited viewshed of the tower.

## **5.7 Land Use**

The compatibility of existing and planned land uses in the vicinity of an airport is usually associated with noise impacts. In addition to the impacts of noise on land use compatibility, other potential impacts of FAA actions on land use compatibility include disruption of communities, relocation, induced socioeconomic impacts, and land uses protected under Section 4(f). Land uses in regards to these resources are discussed in their respective sections. With respect to airports, discussion of this impact category should give assurances that activities associated with the Proposed Action conform to compatible land uses to the greatest extent

practicable. This also applies to lands in the immediate vicinity of the airport and should include any applicable zoning regulations. The assurances must correlate to known existing and planned land uses.

### **5.7.1 Regulatory Setting**

Chapter 9 of the 2020 Desk Reference identifies the regulations and statutes that may be related to the evaluation of Land Use. The following federal regulations (and state equivalents, if applicable) are those that address compatible land use at airports and are applicable to the activities of the Proposed Action.

#### 5.7.1a Airport Improvement Program (AIP)

The AIP is a federal program supplying grants for the planning and development of qualifying projects at public-use airports included in the NPIAS. For a proposed project to be considered for AIP funding, assurances must be provided that a project is consistent with existing development and/or land use plans for the area in which the airport is located. This includes assurances that proposed activities are compatible with normal airport operations, including the landing and takeoff of aircraft.

#### 5.7.1b TDOT Aeronautics Division

This Division of the state Department of Transportation (DOT) is responsible for assisting airports, airport sponsors, and private entities technical assistance for airport planning activities. The Aeronautics Division reviews and provides approval for ALPs on behalf of the FAA. This review includes assurances that proposed activities are consistent with compatible land uses.



### **5.7.2 Significant Impact Threshold**

The FAA has not established a significance threshold for land use. However, the 2020 Desk Reference indicates that “If the proposal would result in other impacts that have land use ramifications, for example, disruption of communities, relocation, and induced socioeconomic impacts, the impacts on land use should be analyzed in these contexts and described accordingly”. Additionally, while the EA must identify whether a Proposed Action is consistent with state or local plans an inconsistency may not, by itself, automatically generate a significant impact under NEPA review.

### **5.7.3 Analysis of Land Use**

In many cases, existing and planned land uses are determined by zoning ordinances put into place by the municipality having jurisdiction over the location of the land parcel. The current zoning in the location of the proposed airport is IND-2/IMDO and FIR. The City of Oak Ridge currently reserves federal property under the FIR zoning for Federal Industrial and Research facilities. This zone has been used by the DOE for many years as a zone for retention of federal property until a use is established and property is transferred to the City or other agency.

The property is currently controlled by the U.S. Department of Energy (DOE), the Community Reuse Organization of East Tennessee (CROET) and the Energy Solutions Corporation. There are also two privately owned parcels outside of the runway zone that would be purchased and included in the airport acreage and protective zone.

Once the City of Oak Ridge receives the transfer of the federal property and purchases the private property, the City plans to initiate a change to IND-3 zoning. The City of Oak Ridge's IND-3 zoning classification is an industrial district for their most inclusive properties for heavy industrial activity. Airports are permitted within this zone.

### **5.7.4 Environmental Consequences of the No-Action Alternative**

The No-Action alternative will not change the existing or future land uses within airport property or to areas in the immediate vicinity of the Airport. As a result, it will have no direct, indirect, or cumulative impacts on land use. No further analysis is required.

### **5.7.5 Environmental Consequences of the Preferred Alternative**

The proposed action would result in the acquisition/transfer of approximately 323-acres of land (Figure 5-2). At the conclusion of the acquisition/transfer, the COR will possess in fee simple or easement all necessary property for the construction and operation of the proposed action including Runway Protection Zones. However, due to the current, and proposed future zoning classification of the property where the proposed airport would be located, it will have no significant direct, indirect, or cumulative impact to land uses. No further analysis is required and no mitigation measures specific to land use are proposed.



## **5.8 Natural Resources, and Energy Supply**

This impact category evaluates the consumption of natural resources and use of energy supplies that may result from a Proposed Action. Natural resources can include water, asphalt, aggregate, wood, and other raw materials. Energy supplies include coal, natural gas, and other fossil fuels. The assessment herein includes consideration for all phases of the Proposed Action including construction, regular use, and maintenance.

### ***5.8.1 Regulatory Setting***

The statutes and Executive Orders relevant to this category are provided in Chapter 10 of the 2020 Desk Reference. In summary, proposed projects and activities should promote the production of clean renewable fuels and increases in the efficiency of products, buildings, and vehicles. Additionally, such project or activities should be designed and implemented to promote optimized performance, elimination of unnecessary use of resources, and protection of the environment. Federal agencies should also prioritize actions that reduce waste, cut costs, and enhance the resilience of infrastructure and operations. Per FAA Order 1053.1, it is FAA policy that facilities and associated activities be consistent with both NEPA and CEQ Regulations so that they “exemplify the highest standards of design, including sustainability principles.”

### ***5.8.2 Significance Threshold***

The FAA has not established a significance threshold for natural resources and energy supply. The 2020 Desk Reference does include factors to consider, including situations in which the demands of the Proposed Action may exceed available or future supply of natural or energy-based resources. If this scenario is anticipated and documented in an EA, additional analysis may be required in an EIS. Otherwise, it may be assumed that impacts are not significant.

### ***5.8.3 Analysis of Natural Resources and Energy Supply***

The Proposed Action is anticipated to use common construction materials that are in regular supply within Roane County. These include natural resource materials, and commodity materials, that are typical in construction of airports such as wood, concrete, gravel, and asphalt. Vehicle fuels to power routine construction equipment during the construction phase of the project would also be needed. Sources for such fuel are available in Roane County. Utilities are already available at the proposed airport location and will not result in demands that overreach the local supply.

### ***5.8.4 Environmental Consequence of the No-Action Alternative***

The No-Action alternative will result in no construction of the proposed airport and, therefore, will not have any direct, indirect, or cumulative impacts to supply and demand for natural resources and energy supply. No further analysis would be required.

### ***5.8.5 Environmental Consequences of the Preferred Alternative***

The Preferred Alternative would not require the use of scarce or unusual materials or natural resources and only a temporary increase in energy supply, primarily fuel consumption during construction, would occur. It is not anticipated that this temporary increase in demand during

construction would have the potential to cause demand to exceed available or future supplies of this resource. Utilities are already available at the proposed airport location and were sized for the operation of the K-25 facility. Therefore, the Preferred Action would have minimal direct, indirect, or cumulative impact to natural resources and energy supply. It would be assumed that the potential impacts are not significant and no mitigation is proposed.

## **5.9 Noise and Noise-Compatible Land Use**

Defined in the 2020 Desk Reference, “Noise is considered unwanted sound that can disturb routine activities (e.g., sleep, conversation, student learning) and can cause annoyance.” Aviation noise is, typically, the predominant public concern regarding aviation activities. As such, compatible land use (for both existing and planned uses) is often evaluated with emphasis on identifying the level for acceptable aircraft noise that will not cause adverse impacts to the surrounding community. Relevant land use plans as well as a general overview of existing and planned land uses should be considered in the evaluation of this category.

### **5.9.1 Regulatory Setting**

The full suite of statutes and regulations related to noise and noise-compatible land use can be found in Chapter 11 of the 2020 Desk Reference. In summary, FAA Order 1050.1F, Order 5050.4B, and the FAA, Part 150, Airport Noise Compatibility Planning Program (FAR Part 150) provide the regulatory framework for evaluating noise related to aircraft operation. Order 1050.1F requires that a significant noise impact must be determined through the use of the FAA’s Airport Environmental Design Tool 3E (AEDT 3E) along with local land use guidance and general guidance contained in Appendix A of FAR Part 150. FAR Part 150 establishes metrics on the extent of noise exposure surrounding an airport. It also includes guidelines identifying compatible and incompatible land uses within various Day-Night Average Sound Level (DNL) contours. DNL contours are used for airport noise assessments.

It should be noted that state and local agencies may hold noise and land use compatibility standards which differ from FAA requirements. Such local standards must be disclosed to the extent required under 40 CFR 1502.16(c) and 1506.2(d). However, the FAA does not use local standards to determine the significance of noise impacts.

### **5.9.2 Significance Threshold**

The AEDT 3E is used for calculating all the DNL noise levels at a location and plotting, specifically, the aircraft noise contours. The noise levels are solely due to aircraft activity and do not include background or ambient noise levels. The 65 DNL contour is a common FAA threshold as DNLs greater than 65 decibels (dB) are not typically considered compatible with residential land uses.

FAA Order 1050.1F clearly defines the significance threshold for noise as “The action would increase noise by DNL 1.5 dB or more for a noise sensitive area that is exposed to noise at or above the DNL 65 dB noise exposure level, or that will be exposed at or above the DNL 65 dB level due to a DNL 1.5 dB or greater increase, when compared to the no action alternative for the same timeframe.” For those actions that require a noise analysis, the Order further instructs that “the determination of

significance must be obtained through the use of noise contours and/or grid point analysis along with local land use information and general guidance contained in Appendix A of 14 CFR part 150.”

### **5.9.3 Analysis of Noise and Noise-Compatible Land Use**

A noise analysis for the proposed Oak Ridge Airport using the FAA’s Airport Environmental Design Tool 3d (AEDT 3d) was requested by FAA because there is no baseline noise information for the facility. For aviation noise analyses, the FAA has determined that the cumulative noise energy exposure of individuals to noise resulting from aviation activities must be established in terms of Yearly Day Night Average Sound Level (DNL), the FAA’s primary noise metric. FAA environmental standards require noise measurement if it is believed that a federal action would increase noise by DNL 1.5 decibels (dB) or more for a noise sensitive area that is exposed to noise at or above the DNL 65 dB noise exposure level, or that will be exposed at or above the DNL 65 dB level due to a DNL 1.5 dB or greater increase, when compared to the no action alternative for the same timeframe. For example, an increase from DNL 65.5 dB to 67 dB is considered a significant impact, as is an increase from DNL 63.5 dB to 65 dB.

No noise analysis is needed for projects involving Design Group I and II airplanes (wingspan less than 79 feet) in Approach Categories A through D (landing speed less than 166 knots) operating at airports whose forecast operations do not exceed 90,000 annual propeller operations (247 average daily operations) or 700 annual jet operations (2 average daily operations). While the proposed airport is forecast to have 15,906 total annual operations within its 20-year planning horizon, there are projected 5,491 annual jet operations for the 20th year of the forecast period. Therefore, a noise analysis must be made.

All FAA actions requiring noise, fuel burn or emissions modeling and for which the environmental analysis process has begun on or after March 29, 2021, are required to use this updated version of AEDT 3d (build 153.0.13097.1). The AEDT 3d implements the key functionalities from previous noise modeling and emissions and dispersion modeling systems and adds new capabilities. A high-level summary of those functionalities includes:

- Version 3d brings several improvements to aircraft performance modeling, including adding a new flight profile editor that allows users to create custom Aircraft Noise Performance (ANP) or BADA 4 procedural profiles. There is also now physics-based thrust reporting for ANP, which could result in some operations having negative thrust values when more drag than thrust is generated.
- Previously, AEDT limited aircraft speed to below 250 knots, but with the update, aircraft can accelerate beyond that airspeed once they reach an altitude of 10,000 feet MSL using the ANP model.
- In this update, emissions calculations have improved. It also provides support for reading albedo, Bowen ratio, and surface roughness values from an externally generated AERSURFACE output file.
- Microsoft SQL Server 2017 is also now supported in addition to Microsoft SQL Server 2012.

5.9.3a Noise Sensitive Areas

A noise sensitive area can be defined as an area where noise interferes with normal activities associated with its use. Normally, noise sensitive areas include residential, educational, health, and religious structures and sites, and parks, recreational areas, areas with wilderness characteristics, wildlife and waterfowl refuges, and cultural and historical sites. For example, in the context of noise from airplanes and helicopters, noise sensitive areas include such areas within the DNL 65 dB noise contour. Individual, isolated, residential structures may be considered compatible within the DNL 65 dB noise contour where the primary use of land is agricultural and adequate noise attenuation is provided. Also, transient residential use such as motels should be considered compatible within the DNL 65 dB noise contour where adequate noise attenuation is provided.

FAA guidance states that special consideration needs to be given to the evaluation of the significance of noise impacts on noise sensitive areas within Section 4(f) properties (including, but not limited to, noise sensitive areas within national parks; national wildlife and waterfowl refuges; and historic sites, including traditional cultural properties) where the land use compatibility guidelines in 14 CFR part 150 are not relevant to the value, significance, and enjoyment of the area in question. Table 5-7 presents a listing of land use compatibility guidelines and is the only noise and land use compatibility table currently in the Code of Federal Regulations.

<b>Table 5-7 Land Use Compatibility* With Yearly Day-Night Average Sound Levels</b>						
Land Use	Yearly day-night average sound level (DNL) in decibels					
	Below 65	65-70	70-75	75-80	80-85	Over 85
<b>Residential</b>						
Residential, other than mobile homes and transient lodgings	Y	N(1)	N(1)	N	N	N
Mobile Home Parks	Y	N	N	N	N	N
Transient Lodgings	Y	N(1)	N(1)	N(1)	N	N
<b>Public Use</b>						
Schools	Y	N(1)	N(1)	N	N	N
Hospitals and Nursing Homes	Y	25	30	N	N	N
Churches, auditoriums, and concert halls	Y	25	30	N	N	N
Governmental services	Y	Y	25	30	N	N
Transportation	Y	Y	Y(2)	Y(3)	Y(4)	Y(4)
Parking	Y	Y	Y(2)	Y(3)	Y(4)	N
<b>Commercial Use</b>						
Offices, business and professional	Y	Y	25	30	N	N
Wholesale and retail building materials, hardware, and farm equipment	Y	Y	Y(2)	Y(3)	Y(4)	N
Retail trade general	Y	Y	25	30	N	N
Utilities	Y	Y	Y(2)	Y(3)	Y(4)	N

<b>Table 5-7 Land Use Compatibility* With Yearly Day-Night Average Sound Levels</b>						
Land Use	Yearly day-night average sound level (DNL) in decibels					
	Below 65	65-70	70-75	75-80	80-85	Over 85
Communication	Y	Y	25	30	N	N
<b>Manufacturing and Production</b>						
Manufacturing general	Y	Y	Y(2)	Y(3)	Y(4)	N
Photographic and optical	Y	Y	25	30	N	N
Agriculture (except livestock) and forestry	Y	Y(6)	Y(7)	Y(8)	Y(8)	Y(8)
Livestock farming and breeding	Y	Y(6)	Y(7)	N	N	N
Mining and fishing, resource production and extraction	Y	Y	Y	Y	Y	Y
<b>Recreational</b>						
Outdoor sports arenas and spectator sports	Y	Y(5)	Y(5)	N	N	N
Outdoor music shells, amphitheatres	Y	N	N	N	N	N
Nature exhibits and zoos	Y	Y	Y	N	N	N
Amusements, parks, resorts, and camps	Y	Y	Y	N	N	N
Golf courses, riding stables and water recreation	Y	Y	Y	30	N	N

Numbers in parenthesis refer to notes.

\*The designations contained in this table do not constitute a Federal determination that any use of land covered by the program is acceptable or unacceptable under Federal, State, or local law. The responsibility for determining the acceptable and permissible land uses and the relationship between specific properties and specific noise contours rests with the local authorities. FAA determinations under part 150 are not intended to substitute federally determined land uses for those determined to be appropriate by local authorities in response to locally determined needs and values in achieving noise compatible land uses.

Key to Table 5-7

SLUCM=Standard Land Use Coding Manual

Y (Yes)=Land Use and related structures compatible without restrictions.

N (No)=Land Use and related structures are not compatible and should be prohibited.

NLR=Noise Level Reduction (outdoor to indoor) to be achieved through incorporation of noise attenuation into the design and construction of the structure.

25, 30, or 35=Land use and related structures generally compatible; measures to achieve NLR of 25, 30, or 35 dB must be incorporated into design and construction of structure.

Notes for Table 5-7

- (1) Where the community determines that residential or school uses must be allowed, measures to achieve outdoor to indoor Noise Level Reduction (NLR) of at least 25 dB and 30 dB should be incorporated into building codes and be considered in individual approvals. Normal residential construction can be expected to provide a NLR of 20 dB, thus, the reduction requirements are often stated as 5, 10 or 15 dB over standard construction and normally assume mechanical

ventilation and closed windows year-round. However, the use of NLR criteria will not eliminate outdoor noise problems.

- (2) Measures to achieve NLR 25 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
- (3) Measures to achieve NLR of 30 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
- (4) Measures to achieve NLR 35 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal level is low.
- (5) Land use compatible provided special sound reinforcement systems are installed.
- (6) Residential buildings require an NLR of 25.
- (7) Residential buildings require an NLR of 30.
- (8) Residential buildings not permitted.

The proposed airport would be located in Roane County, somewhat distant from significant noise sensitive land uses. Locations of the nearest residential communities to the proposed airport include Westwood, Country Club Estates, former Rarity Oaks, and the Preserve at Clinch River. There is a small church located 600 feet north of the approach and departure flight path. There are no 4f lands impacted by the proposed Airport.

Prior to World War II, the community of Wheat was located in and around the proposed airport site. Over the course of its history, Wheat was home to over 1,000 people, several different schools, at least three churches, a post office, and general store. As part of the Manhattan Project, all the land within and around Wheat was purchased by the U.S. government in 1943 and all the inhabitants were forced to move. All the structures, including the homes, outbuildings, and Wheat High School were later demolished with the exception of George Jones Memorial Missionary Baptist Church, which is extant. Access to the area is now controlled and the church does not have a regular service, but a reunion of residents and their descendants is held annually. This is the noise-sensitive property that is called the Wheat Church in this report. It is important to note that it is only used once a year for the reunion.

#### 5.9.3b AEDT Inputs

Noise exposure levels at the proposed Oak Ridge Airport were modeled using AEDT 3d. Noise levels were predicted for the proposed worst case condition (year 2040) forecast activity. Total annual operations for that year are projected at 15,906. Of these, roughly 7.6 percent are anticipated to be jet operations. The noise modeling was conducted to identify the effects of constructing a new airport facility to accommodate the forecasted growth in aviation activity in the Oak Ridge area. The predictions are expressed in DNL contours, which represent areas of equal noise levels. Data input for the AEDT 3d model included aircraft operations, operations by time of day, runway use, aircraft mix, and flight tracks.



The primary determinant of aircraft noise generation involves the forecast of operations by aircraft type at the proposed airport. Table 5-8 presents the forecast of annual aircraft operations, taken from the Airport Master Plan.

Year	Itinerant Operations	Local Operations	Total Operations
2020	10,350	1,282	11,632
2025	12,204	2,593	14,796
2030	12,616	2,691	15,307
2040	13,018	2,889	15,906

The breakdown by fleet mix is presented in Table 5-9. The 20<sup>th</sup> year forecast inputs (2040) represent the potential worst case noise impacts and were used by the model.

Aircraft	Single	Multi-engine	Jet	Total
2040	9,751	4,936	1,219	15,906

Assumptions in the analysis include:

- Operations are split equally between runway end usage.
- Operations are split equally between approaches and departures.
- Single-engine aircraft used the Piper Cherokee 180 aircraft in the AEDT database.
- Multi-engine aircraft are assumed to have noise producing characteristics similar to the King Air 350 aircraft.
- Jet aircraft were assumed to have the noise producing characteristics similar to the Hawker 800/800XP.

For this analysis, the worst case, 20-year forecast of activity was used. If the noise contours do not exceed the airport property limits for that level of activity, all the intervening years will have less noise impact.

### 5.9.3c Noise Contour Modeling Output

Figure 5-3 presents a graphic illustration of the noise contours that would be generated by aircraft operations during the 20<sup>th</sup> forecast year. As shown, all of the DNL 65 dB contour remains within airport property boundaries. It covers 159.6 acres of noise exposure. The DNL 70 dB and 75 dB are smaller in size and subsumed within the DNL 65 dB contour. They cover 84.8 and 45.7 acres respectively. Overall, the AEDT 3d computed the following areas for each noise contour:

Contour (dB)	Perc. Area (%)	Shape Area (Acres)
50	57%	1,841.4
55	24%	778.0
60	10%	339.1
65	5%	159.6
70	3%	84.8
75	1%	45.7

Figure 5-3 Noise Contours for 2040 Aircraft Operations



**5.9.4 Environmental Consequence of the No-Action Alternative**

The No-Action alternative will not change the existing noise in the location of the proposed airport or to areas within the immediate vicinity of the proposed airport. As a result, it will have no direct, indirect, or cumulative impacts noise. No further analysis is required.

**5.9.5 Environmental Consequences of the Preferred Alternative**

As shown in Figure 5-4, there are no noise sensitive land uses that occur within the proposed DNL 65 dB noise contours for the proposed airport. They are shown as the blue contours on the map that stay right at the proposed runway location. The green lines are DNL 70 dB contours and the one small orange contour is the DNL 75 dB area. However, since there is no airport located at the current site, the increase in projected noise off of airport property will likely be higher than the current noise level

at that site. FAA Order 5050.B, NEPA Implementing Instructions for Airport Actions, defines a significant noise increase as an increase of DNL 1.5 dB or greater for areas located within the DNL 65 dB noise contour. Because there are no noise sensitive areas or residential housing located in areas at or above DNL 65 dB that would increase by at least 1.5 dB, the project does not cross the threshold of significance. Residential population impacted is zero. Thus, there would be no significant noise impacts associated with future airport development. The DNL 65 dB noise contours would not include any residences. Figure 5-4 shows the noise contours in relation to historic sites, national parks, and residential areas.



**K-25 PHASE II VIEW SHED  
& AIRPORT NOISE CONTOURS EXHIBIT**

**FIGURE 5-4**

GMC # 14603  
DATE: 12/3/2022  
DRAWN BY: WSN

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## **5.10 Socioeconomics, EJ, and Children's Environmental Health and Safety Risks**

This section covers socioeconomics (Section 5.10.1), environmental justice (Section 5.10.2), and children's environmental health and safety risks (Section 5.10.3).

### **5.10.1 Socioeconomics**

Socioeconomics is an umbrella term used to describe aspects of a project that are either social or economic in nature. A socioeconomic analysis evaluates how elements of the human environment such as population, employment, housing, and public services might be affected by the proposed action and alternative(s).

#### **4.10.1.1. Regulatory Setting**

The primary statute related to socioeconomic impacts is the Uniform Relocation Assistance and Real Property Acquisitions Policy Act of 1970. In summary, this act contains provisions that must be followed if acquisition of real property or displacement of people would occur as a result of implementing the selected alternative.

#### **4.10.1.2. Significance Threshold**

The FAA has not established a significance threshold for socioeconomics in FAA Order 1050.1F; however, the FAA has identified factors to consider when evaluating the context and intensity of potential environmental impacts for socioeconomics (see Exhibit 4-1 of FAA Order 1050.1F). Please note that these factors are not intended to be thresholds. If these factors exist, there is not necessarily a significant impact; rather, the FAA must evaluate these factors in light of context and intensity to determine if there are significant impacts.

#### **4.10.1.3. Environmental Consequences of the No-Action Alternative**

The No-Action alternative will not change the human environment such as population, employment, housing, and public services in the location of the proposed airport or to areas within the immediate vicinity of the proposed airport. As a result, it will have no direct, indirect, or cumulative socioeconomic impacts. No further analysis is required.

#### **4.10.1.4. Environmental Consequences of the Proposed Action**

The proposed action would not have a potential impact on individuals' income, population, housing, public services, or social conditions within the PSA or the secondary study area. The proposed action could result in an increase in economic activity and employment within the study areas due to the addition of employees to manage and operate the airport; as well as providing additional access options to visit the Oak Ridge Reservation (ORR), the planned K-25 observation tower, and other Section 4(f) properties in the vicinity of the proposed airport.

The proposed action would require the closure of several roads that currently provide access points to the ORR. These roads include Perimeter Road, Americus Avenue, Victorious Boulevard, and Haul Road. Heritage Center Boulevard would become the primary entrance to the ORR and would require

a bridge under the runway to maintain access; as well as, maintain rail access to the industrial facilities located southwest of the proposed airport at the Powerhouse site. In addition, the proposed action would require the acquisition/transfer of 323-acres of land and three buildings to construct and operate the proposed airport.

#### 4.10.1.5. Mitigation

Mitigation measures for the impacts associated with the proposed road closures include maintaining Perimeter Road, but with restricted access so it can be used on an as needed basis for the delivery of large cargo exceeding the size limitations of the Heritage Center Boulevard bridge. Use of Perimeter Road would be controlled by COR to protect the Runway Protection Zone. In addition, a bridge or bridges would be constructed so that Heritage Center Boulevard can continue to be the primary access point to the ORR while also allowing the railroad spur from the Norfolk Southern Short Line to the Powerhouse site to remain usable. The proposed bridge or bridges will also allow all public utility services to remain available within the study area. Only one of the three buildings to be acquired is currently occupied. UCOR leases the 1225 building from JMM Realty. Buildings 1007 and 1000 are vacant. All land and building acquisitions/transfers will abide the FAA AC for acquisitions and the Uniform Relocation Assistance and Real Property Acquisition Policies Act.

### **5.10.2 Environmental Justice**

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Fair treatment means that no group of people should bear a disproportionate share of the negative environmental consequences resulting from industrial, governmental, and commercial operations or policies.

#### 5.10.2.1. Regulatory Setting

The statutes and Executive Orders relevant to this category are provided in Chapter 12 of the 2020 Desk Reference. In summary, Title VI of the Civil Right Act of 1964 states that “No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” Title VI explicitly prohibits any discrimination in Federally funded programs and projects, including those sponsored by the FAA.

#### 5.10.2.2. Significance Threshold

The FAA has not established a significance threshold for environmental justice in FAA Order 1050.1F; however, the FAA has identified factors to consider when evaluating the context and intensity of potential environmental impacts for environmental justice (see Exhibit 4-1 of FAA Order 1050.1F). Please note that these factors are not intended to be a threshold. If these factors exist, there is not necessarily a significant impact; rather, the FAA must evaluate these factors in light of context and intensity to determine if there are significant impacts.

#### 5.10.2.3. Environmental Consequences of the No-Action Alternative

The No-Action alternative would not have any impact on other environmental impact categories nor would it have an impact on the physical or natural environment that affect an environmental justice population. As a result, it will have no direct, indirect, or cumulative environmental justice impacts. No further analysis is required.

#### 5.10.2.4. Environmental Consequences of the Proposed Action

There are no minority or low-income populations in the location of the proposed airport; therefore, the only potential impact to environmental justice populations would be related to noise impacts. As documented in Section 5.9, noise contours above 55dB would not occur during airport operations outside of the primary and secondary study areas, and all noise above 65dB would remain within the proposed airport boundary. Therefore, there would be no direct, indirect, or cumulative impacts to environmental justice populations as a result of the proposed action.

### **5.10.3 Children's Environmental Health and Safety Risks**

Pursuant to Executive Order 13045, Protection of Children from Environmental Health Risks and Safety Risks 62 Federal Register 19885, (April 21, 1997), Federal agencies are directed, as appropriate and consistent with the agency's mission, to make it a high priority to identify and assess environmental health risks and safety risks that may disproportionately affect children. The FAA is encouraged to identify and assess environmental health risks and safety risks that the agency has reason to believe could disproportionately affect children. Environmental health risks and safety risks include risks to health or to safety that are attributable to products or substances that a child is likely to come in contact with or ingest, such as air, food, drinking water, recreational waters, soil, or products they might use or be exposed to.

#### 5.10.3.1. Regulatory Setting

The Executive Order relevant to this category are provided in Chapter 12 of the 2020 Desk Reference. In summary, The Executive Order directs Federal agencies to analyze their policies, programs, activities, and standards for any environmental health or safety risks that may disproportionately affect children. Included in these categories are risks to health or safety that are attributable to products or substances that a child is likely to come in contact with or ingest, such as air, food, water, recreational waters, soil, or products they might use or be exposed to.

#### 5.10.3.2. Significance Threshold

The FAA has not established a significance threshold pertaining to impacts to children's environmental health and safety in FAA Order 1050.1F; however, the FAA has identified a factor to consider when evaluating the context and intensity of potential environmental impacts for children's environmental health and safety (see Exhibit 4-1 of FAA Order 1050.1F). Please note that this factor is not intended to be a threshold. If this factor exists, there is not necessarily a significant impact; rather, the FAA must evaluate this factor in light of context and intensity to determine if there are significant impacts. The factor to consider that may be applicable to children's environmental health and safety

includes, but is not limited to, situations in which the proposed action or alternative(s) would have the potential to lead to a disproportionate health or safety risk to children.

#### 5.10.3.3. Environmental Consequences of the No-Action Alternative

The No-Action alternative would not have any impact on other environmental impact categories nor would it have an impact on the physical or natural environment that would affect children's health or safety. As a result, it will have no direct, indirect, or cumulative children's health or safety impacts. No further analysis is required.

#### 5.10.3.4. Environmental Consequences of the Proposed Action

There are no schools, daycares, parks, or children's health clinics in the location of the proposed airport; therefore, the only potential impact to children's health or safety would be related to air quality impacts. As documented in Section 5.1, Based on air emissions modeling and analysis, the proposed action would not result in any substantial increase in air emissions. No applicable general conformity *de minimis* thresholds would be exceeded. Therefore, there would be no direct, indirect, or cumulative impacts to children's health or safety as a result of the proposed action.

## 5.11 Visual Effects

FAA Order 5050.4B and FAA Order 1050.1F require project sponsors to identify the light emissions (e.g., strobe lights, high-intensity airfield or facility lighting) associated with a Proposed Action that could visually affect a light-sensitive area (including residential areas, parks, and recreational areas). FAA is also required to consider whether visual or aesthetic impacts would result from a Proposed Action. Per the 2020 Desk Reference, light emissions and visual effects should each be discussed discretely in this section. Additionally, this reference instructs: "Visual effects on resources discussed in other sections of a NEPA document should be discussed in those sections, and cross-referenced in this section." The overlap between this impact category and others is a result of certain resources contributing to the suite of elements that create the whole of the visual environment. The visual impacts for other required categories that are discussed in those associated sections within this EA are a) Biological Resources; b) Department of Transportation Act, Section 4(f); c) Historical, Architectural, Archeological, and Cultural Resources; and d) Wild and Scenic Rivers (a component of Water Resources).

### 5.11.1 Regulatory Setting

There are no formal federal regulations, permits or other approvals that are related to this impact category. However, there may be special purpose laws and requirements that should be researched during analysis. Informal consultation is recommended with local agencies, adjacent communities, and the THC as Section 106 and or Section 4(f) resources may be influenced by changes to visual effects. There also may be state and local regulations, policies, and zoning ordinances that apply to visual effects and or light emissions.



### **5.11.2 Significance Threshold**

The FAA has not established a significance threshold for either light emissions or visual effects. The 2020 Desk Reference does include factors and questions to consider when analyzing this category. For Light Emissions, this includes an evaluation to determine whether the Proposed Action will cause a general annoyance or interfere with normal activities. Additionally, potential negative impacts to the visual character of the area due to light emissions from the proposed project should be considered. These include determining the importance, uniqueness, and aesthetic value of visual resources in the area. With respect to Visual Effects, the assessment should also address the potential for the Proposed Action to contrast with the visual character of the area and if the activity will negatively affect the nature of the area's visual character, including the importance, uniqueness, and aesthetic value. Finally, if the Proposed Action will block or obstruct the views of visual resources, this effect should also be discussed.

### **5.11.3 Analysis of Visual Effects**

The affected environment for visual effects includes the PSA, as well as areas immediately adjacent and surrounding the proposed airport. This section will identify the extent that the proposed project may produce light emissions that may interfere with normal activity or affect the area, which is visually characterized by industrial areas and forested land within the location of the proposed airport. The Wheat Community Archaeological District (40RE224), the George Jones Memorial Baptist Church site, which is listed on the National Register of Historic Places, and portions of the Black Oak Ridge Conservation Easement (BORCE) are located in the northeast corner of the PSA. In addition to these resources within the PSA, the K-25 Historical Area and the Happy Valley Work Camp (40RE577) are located within the secondary study area. There are no recorded scenic resource protection areas, such as Wild and Scenic Rivers, or areas of similar designation in visual proximity to the Airport. Table 5-10 provides a summary of the thresholds and factors to consider when performing an analysis of impacts to this category, as described in Exhibit 4-1 of the 2020 Desk Reference.

This analysis showed that due to the closed landfill mound adjacent to the proposed airport site and the limited viewing angle of the tower, it is physically impossible for an individual either in the tower or on the ground to see any portion of the northern half of the runway. Line-of-sight profiles were produced from the viewing tower along the north and south boundaries of the landfill mound showed there were no significant visual impacts, and these results were presented to SHPO and the National Park Service during the Section 106 discussions. Additionally, the potential visual impacts to someone walking the K-25 site was also evaluated. Ground elevations at the K-25 National Park Site were compared to the proposed finished grade of the proposed airport. The evaluation determined that the entire central and southern profile of the runway would be a minimum of 50' higher than any location on the K-25 National Park walking trail. Any visitor on the K-25 that would look south towards the proposed airport would see a 50' grass slope. Additionally, due to the significant difference in elevations and the distance of the runway and taxiway lights from the toe of slopes, a walking visitor at the Viewing Tower would not be able to see any of the airport light fixtures.

**Table 5-10 Summary of Visual Effects Analysis – Factors To Consider**

Factor from 2020 Desk Reference	Potential Effect by Proposed Action?
<p><b>Light Emissions:</b> The Proposed Action will create an annoyance or otherwise interfere with normal activities.</p>	<p>The Proposed Action will occur south of the K-25 Historical Area and west of the Wheat Community Archeological District. Construction, operation, and maintenance of the proposed airport is not expected to project significant light emissions to areas outside the airport property and light will not interfere with normal activities.</p>
<p><b>Light Emissions:</b> The visual character of the area due to light emissions - including the importance, uniqueness, and aesthetic value of the affected visual resources – will be significantly affected by the Proposed Action.</p>	<p>There are no recorded scenic resource protection areas, such as Wild and Scenic Rivers, or areas of similar designation in visual proximity to the proposed airport. The area already supports lighting for the existing industrial facilities in the area. No significant changes to lighting will occur.</p>
<p><b>Visual Effects:</b> Adverse impacts to the visual character of the area, including the importance, uniqueness, and aesthetic value of the affected visual resources will result from the Proposed Action.</p>	<p>The two (2) primary resources to considered when analyzing the potential for adverse impacts to the visual character of the area are K-25 area and the George Jones Memorial Baptist Church site. Specifically, will the proposed airport be visible to visitors of these resources. The potential visibility of the airport from the K-25 area would be from the proposed K-25 viewing platform and those walking the K-25 historical site. An analysis of a 1-mile radius view shed from the proposed viewing platform was conducted. This analysis showed that the proposed airport would not be visible from the proposed K-25 viewing platform. In addition, the topography just north of the proposed airport location is higher in elevation, further providing a visual obstruction of the proposed airport from the K-25 area. The proposed airport location is not currently visible from the church due to the forested areas located between the airport and the church site. Although some tree removal would occur between the proposed airport and church site to remove obstructions within the 20:1 Part 77 Visual Approach Surface, the remaining trees would still provide a visual barrier and the airport would not be visible from the church site. Additionally, discussions during the Section 106 consultation identified that the tree removal that would occur during the proposed airport's development may have the added benefit of allowing visitors to the K-25 viewing tower to see the George Jones Memorial Church. Figure 5-5 shows the K-25 viewing platform view shed and the church site in relation to the proposed airport.</p>
<p><b>Visual Effects:</b> The Proposed Action will contrast with the visual resources and/or character in the study area.</p>	<p>As documented above, the proposed airport would not contrast with the visual resources or character in the study area.</p>

---

**Visual Effects:** To what degree will the Proposed Action potentially block or obstruct the views of visual resources, including whether these resources would still be viewable from other locations?

The Proposed Action will not result in significant obstruction of visual resources. The resources in the area would still be visible from the same areas they are currently visible from.

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*Source: Significance Thresholds and factors to consider established in FAA Order 1050.1F and FAA 2020 Order 1050.1F Desk Reference*

#### **5.11.4 Environmental Consequence of the No-Action Alternative**

The No-Action alternative will result in no construction of the proposed airport and, therefore, will not have any visual effects. No further analysis would be required.

#### **5.11.5 Environmental Consequences of the Preferred Alternative**

As documented in the analysis of visual affects, the proposed airport would not be visible from the proposed K-25 viewing platform or from the George Jones Memorial Baptist Church site. In addition, the proposed airport would not block the view of these resources from areas where they are currently visible from. Therefore, significant change to the visual aesthetic of the area will not occur nor will the resulting visual effects conflict with the existing environment. There are no recorded scenic resource protection areas, such as Wild and Scenic Rivers, or areas of similar designation in visual proximity to the Airport. Due to the distance to nearby residents and surrounding forested areas the Preferred Alternative would not visually affect surrounding areas or nearby light-sensitive areas such as homes, parks and recreational areas. Therefore, no significant direct, indirect, or cumulative visual effects are anticipated due to the implementation of the Preferred Action. No further analysis would be required.



**K-25 PHASE II VIEW SHED  
& AIRPORT NOISE CONTOURS EXHIBIT**

**FIGURE 5-5**

GMC # 14603  
DATE: 12/3/2022  
DRAWN BY: WSN

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Brentwood, TN 37027  
T 615.614.0121  
GMCNETWORK.COM



## **5.12 Water Resources**

Water Resources are defined by the EPA as “lakes, streams, groundwater, coastal waters, wetlands, and other waters; their associated ecosystems; and the human uses they support (e.g., drinking water, recreation, and fish consumption).” The quality and distribution of available water resources are essential to both human and ecosystem health. Proper stewardship of water resources also promotes proper functionality and sustainability of the hydrologic cycle. Per the 2020 Desk Reference, this chapter should discuss the following main topics: a) Wetlands; b) Floodplains; c) Surface Waters; d) Groundwater; and e) Wild and Scenic Rivers. Each of these components is interrelated within a watershed and, as a whole, support the local watershed system.

Per FAA Order 1050.1F, “if an environmental impact category is not relevant to the proposed action or any of the reasonable alternatives identified (i.e., the resources included in the category are not present or the category is not otherwise applicable to the proposed action and alternative[s]), this should be briefly noted and no further analysis is required.” As such, a discussion of these resources will not be included in the subsequent subsection of this chapter.

### **5.12.1 Non-Applicable Water Resource Impact Categories**

#### *Groundwater*

The 2020 Desk Reference defines groundwater as subsurface water that occupies the space between sand, clay and rock formations and an aquifer as the geologic layers that have the ability to store or transmit groundwater to wells, springs and other water sources. The EPA has designated certain aquifers as sole source aquifers and if impacts are anticipated to a sole source aquifer, then the EPA regional office must be consulted with as required by the Safe Drinking Water Act (SDWA). To remain compliant with NEPA, the project boundaries were analyzed for EPA-designated sole source aquifers. None were identified. No effects to groundwater resources are expected.

#### *Wild and Scenic Rivers*

The Department of the Interior National Park Service (NPS), USFWS, Bureau of Land Management (BLM), and the Department of Agriculture (US Forest Service) has oversight of the Wild and Scenic Rivers Act of 1968. The FAA is required to determine if the Proposed Action or the No Action alternative would affect a designated area under the National Wild and Scenic River System (WSRS) or a free-flowing water body designated under the Nationwide Rivers Inventory (NRI). No effects to WSRS or NRI designated water bodies are expected.

### **5.12.2 Regulatory Setting**

The suite of applicable laws, statutes, and other regulations for this impact category is quite extensive and is fully disclosed within the 2020 Desk Reference. Some provisions include protections that overlap the impact categories discussed. Table 5-11 provides some of the primary mandates for consideration when evaluating potential effects to applicable water resources categories by the proposed project. This list is not exhaustive. Thorough coordination with all regulatory agencies having authority over the proposed activities should be done to ensure full compliance with all applicable regulations.

**Table 5-11 Regulations Applicable to Water Resources for Proposed Action\***

<b>Statute</b>	<b>Applicable Impact Categories</b>	<b>Oversight Agency</b>	<b>Summary</b>
Clean Water Act (CWA)	<ul style="list-style-type: none"> <li>• Wetlands</li> <li>• Surface Waters</li> </ul>	EPA, USACE, state, and tribal Water Quality Agencies	Establishes structure for regulating the discharge of pollutants into waters of the US. Specifically, CWA Section 303(d), Section 404, Section 401, and Section 402, which establishes the NPDES permit program.
Executive Order 11988, <i>Floodplain Management</i> ;  DOT Order 5650.2, <i>Floodplain Management &amp; Protection</i>	<ul style="list-style-type: none"> <li>• Floodplains</li> </ul>	DOT	Federal agencies must “avoid to the extent possible” adverse impacts to 100-year floodplains and/or floodplain development wherever there is a “practicable alternative”. DOT should avoid and mitigate adverse floodplain impacts in agency actions, planning programs, and budget requests.
Executive Order 11990, <i>Protection of Wetlands</i> ;  DOT Order 5660.1A, <i>Preservation of the Nation’s Wetlands</i>	<ul style="list-style-type: none"> <li>• Wetlands</li> </ul>	DOT	Requires federal agencies to “avoid to the extent possible” any adverse impacts to wetlands and to avoid direct or indirect support of new construction in wetlands wherever there is a “practicable alternative”. Transportation facilities should be designed and operated to assure the protection and enhancement of wetlands to the fullest extent practicable.
Fish and Wildlife Coordination Act	<ul style="list-style-type: none"> <li>• Wetlands</li> <li>• Surface Waters</li> </ul>	USFWS, NMFS, State wildlife agencies	Federal agencies are to consult with the USFWS and/or the NMFS, and appropriate state wildlife agencies regarding conservation of wildlife resources for projects that may affect the water of any stream or other water body, including wetlands.
National Flood Insurance Act	<ul style="list-style-type: none"> <li>• Floodplains</li> </ul>	FEMA	Established NFIP, a voluntary floodplain management program for cities, towns, or counties, implemented by FEMA. Any action within a FEMA-mapped floodplain in a participating community must follow the identified FEMA-approved floodplain regulations.
Rivers and Harbors Act	<ul style="list-style-type: none"> <li>• Wetlands</li> <li>• Surface Waters</li> </ul>	USACE; USCG	Established to protect the navigability of waters used for commerce in the United States.
Safe Drinking Water Act	<ul style="list-style-type: none"> <li>• Surface Waters</li> <li>• Groundwater</li> </ul>	EPA	Prohibits federal agencies from funding actions that would contaminate an EPA-designated sole source aquifer or its recharge area.

DOT = U.S. Department of Transportation; EPA = Environmental Protection Agency; FEMA = Federal Emergency Management Agency;

NFIP= National Floodplain Insurance Program NMFS = National Marine Fisheries Service; USACE = U.S. Army Corps of Engineers;  
USFWS = U.S. Fish and Wildlife Service.

*\*In addition to the above, there may be state and local regulations that apply to the proposed project. This is determined on a case-by-case basis by contacting relevant state and local agencies in the early stages of project planning.*

### **5.12.3 Wetlands**

#### **5.12.3a Regulatory Setting for Wetlands**

Wetlands addressed in this section include jurisdictional wetlands and other Waters of the U.S. (WOTUS) designated under Section 404 of the CWA, further defined under 33 CFR § 328.3(a). Any surface water, or associated wetland, not meeting this federal definition is considered non-jurisdictional and does not receive statutory protection under the CWA. Under Section 404, the USACE has authority and responsibility for regulating activities that involve wetlands connected to WOTUS. Wetlands are lowland areas covered with shallow and sometimes temporary or intermittent waters. They include, but are not necessarily limited to the following: swamps, marshes, bogs, river overflows, and tidal overflows, as well as estuarine areas and shallow lakes and ponds with emergent vegetation. Wetlands have been federally characterized by the presence of specific types of vegetation, hydrology, and soils. For this EA, the limits of federal and state jurisdictional wetlands within, and near to, the proposed project area were field verified by the USACE and TDEC.

Filling or disturbing wetlands for commercial development, public infrastructure, etc. are some of the regulated activities controlled by a permit review process administered by the USACE. The USACE also enforces Executive Order 11990, Protection of Wetlands, which requires Federal agencies to avoid, to the extent possible, adverse impacts associated with the destruction or modification of wetlands. The State of Tennessee has not adopted its own wetland regulations; however, if an alteration to a federally regulated wetland will occur as a part of a proposed action, then an Aquatic Resource Alteration Permit (ARAP) must be obtained from TDEC. The State may require an ARAP even if the project does not require federal permitting. However, if a federal permit is necessitated, then a Section 401 Water Quality Certification (WQC) must be obtained from the State, ensuring the proposed action would not violate state water quality standards. Both the USACE and TDEC may require compensatory mitigation for impacts to wetland resources.

#### **5.12.3b Significance Threshold for Wetlands**

FAA Order 1050.1F identifies that significant impacts to wetlands occur when a proposed activity would a) adversely affect a wetland's function to protect the quality or quantity of municipal water supplies (including surface waters and sole source or other aquifers); b) substantially alter the hydrology needed to sustain the affected wetland's values and functions (or those of a connected wetland); c) substantially reduce the affected wetland's ability to retain floodwaters or storm runoff, thereby threatening public health, safety or welfare (welfare includes cultural, recreational, and scientific resources or property important to the public); d) adversely affect the maintenance of natural systems supporting wildlife and fish habitat, or economically important timber, food, or fiber resources of the affected or surrounding wetlands; e) promote

development of secondary activities or services that would cause the circumstances listed above to occur; or f) be inconsistent with applicable state wetland strategies.

5.12.3c Analysis of Wetlands

A Jurisdictional Waters report, which is provided in Appendix D, was completed for the PSA by S&ME. During S&ME's site visits, 17 perennial/intermittent streams, 10 wet weather conveyances (WWCs)/ephemeral streams, 28 wetlands, and 4 open water areas were observed within the evaluation boundary (Figure 4 in the Jurisdictional Waters report). The report was submitted to USACE for verification. A federal USACE preliminary jurisdictional determination (JD) was obtained for 5 of the intermittent streams and 5 of the wetlands; and an approved JD was obtained for the remaining 12 perennial/intermittent streams, 10 WWCs/ephemeral streams, 23 wetlands, and 4 open water areas. Both JDs were provided in a letter dated August 27, 2021 and a copy is provided in Appendix E. Table 5-12 below summarizes the wetlands delineated on site.

**Table 5-12 Delineated Wetlands**

<b>Wetland</b>	<b>Acres</b>	<b>Wetland</b>	<b>Acres</b>
WA	11.50	WM	0.16
WAA	0.78	WN	0.07
WB	0.60	WO	0.01
WBB	1.02	WP	0.33
WC	0.17	WQ	0.25
WCC	0.19	WR	0.04
WE	0.11	WS	0.01
WF	0.04	WT	0.03
WG	0.01	WU	2.41
WH	0.01	WV	0.07
WI	0.02	WW	0.06
WJ	0.05	WX	0.05
WK	0.14	WY	0.08
WL	0.06	WZ	0.04
<b>Total 18.31-acres</b>			

The Approved JD determined that wetlands WL, WM, WW, and WX are non-adjacent wetlands and are not jurisdictional under the Navigable Waters Projection Rule of the Clean Water Act.



The Proposed Action would include the clearing of trees and grading activities within the proposed airport boundary impacting wetlands and streams. An analysis to determine if these impacts are significant is necessary. Table 5-13 provides a summary of the thresholds and factors to consider when performing an analysis of impacts to this category, as described in Exhibit 4-1 of the 2020 Desk Reference.

**Table 5-13 Summary of Wetland Resource Analysis**

FAA Threshold	Proposed Action Meets or Exceeds Threshold?
<b>Threshold:</b> Adverse effects to wetland’s function to protect the quality or quantity of municipal water supplies, including surface waters and sole source and other aquifers	No
<b>Threshold:</b> Substantially alter the hydrology needed to sustain the wetland values and functions or those of a connected wetland	Minimal
<b>Threshold:</b> Substantially reduce the wetland’s ability to retain floodwaters or storm runoff, threatening public health, safety or welfare	Minimal
<b>Threshold:</b> Adversely affect the maintenance of natural systems supporting wildlife and fish habitat or economically important timber, food, or fiber resources of the affected or surrounding wetlands	No
<b>Threshold:</b> Promote development of secondary activities or services that would cause the circumstances listed above to occur	No
<b>Threshold:</b> Be inconsistent with applicable state wetland strategies.	No, appropriate permits will be obtained.

*Source: Significance Thresholds and factors to consider established in FAA Order 1050.1F and FAA 2020 Order 1050.1F Desk Reference*

5.12.3d Environmental Consequence of the No-Action Alternative

The No-Action alternative will result in no construction of the proposed airport and, therefore, will not have any impacts to wetlands. No further analysis would be required.

5.12.3e Environmental Consequences of the Preferred Alternative

The Proposed Action includes direct impacts to wetlands as a result of construction activities. Direct impacts are associated with the placement of fill materials into wetlands and other surface waters that are regulated by the USACE and/or TDEC. The Proposed Action will include the removal of trees and grading activities within the proposed airport boundary which would impact wetlands and streams within the limits of disturbance for the clearing and grading. Direct impacts within the construction footprint will potentially result in 8.90-acres of direct impacts to jurisdictional wetlands and 0.27-acres of non-jurisdictional wetlands (Figure 5-6).



5.12.3f Avoidance and Minimization of Wetland Impacts

Avoidance and minimization of impacts to wetlands have been considered, however, due to the necessary clearing of trees and grading of the area for the construction of the airport, impacts cannot be completely avoided. The appropriate permitting and mitigation for the proposed impacts will take these impacts into account.

5.12.3g Consultations, Permits, and Other Approvals for Wetland Impacts

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403). Under Section 10, the USACE regulates any work in, or affecting, navigable waters of the U.S. It appears the review area does not include navigable waters of the U.S. and would not be subject to the provisions of Section 10. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S., including wetlands. Based on estimated impacts, the Proposed Action would require obtaining a Section 404 individual permit and TDEC would require an individual ARAP permit.

5.12.3h Mitigation for Wetland Impacts

In addition to obtaining the necessary permits, the impacts to the jurisdictional wetlands would be mitigated through credit purchases from an approved mitigation bank. No mitigation would be required for the impacts to the non-jurisdictional wetlands. However, impacts (and therefore mitigation) could be reduced if impacts are reduced in final design.

#### **5.12.4 Floodplains**

5.12.4a Regulatory Setting for Floodplains

Floodplains are defined in DOT Order 5650.2 as “lowlands and relatively flat areas adjoining inland and coastal waters including flood prone areas of offshore islands.” FAA Order 1050.1F requires FAA officials “to take actions to reduce the risk of flood loss, minimize the impact of floods on human safety, health, and welfare, and restore and preserve the natural and beneficial values served by the floodplains” (Executive Order 11988, Flood Plain Management Act and DOT Order 5650.2). To comply, all FAA actions must avoid floodplains to the greatest extent practicable.

Through review of FEMA floodplain maps, FAA can determine if a potential impact to the base floodplain is expected. If there are no impacts to the base floodplain, no further analysis is needed. However, if a potential impact is expected from the Proposed Action, this would constitute a floodplain encroachment and further analysis would be needed. If a Proposed Action involves a significant floodplain encroachment, the FAA must issue a written finding identifying the proposed encroachment as the only practicable alternative. The FAA must provide the finding within or together with a NEPA document.

5.12.4b Significance Threshold for Floodplains

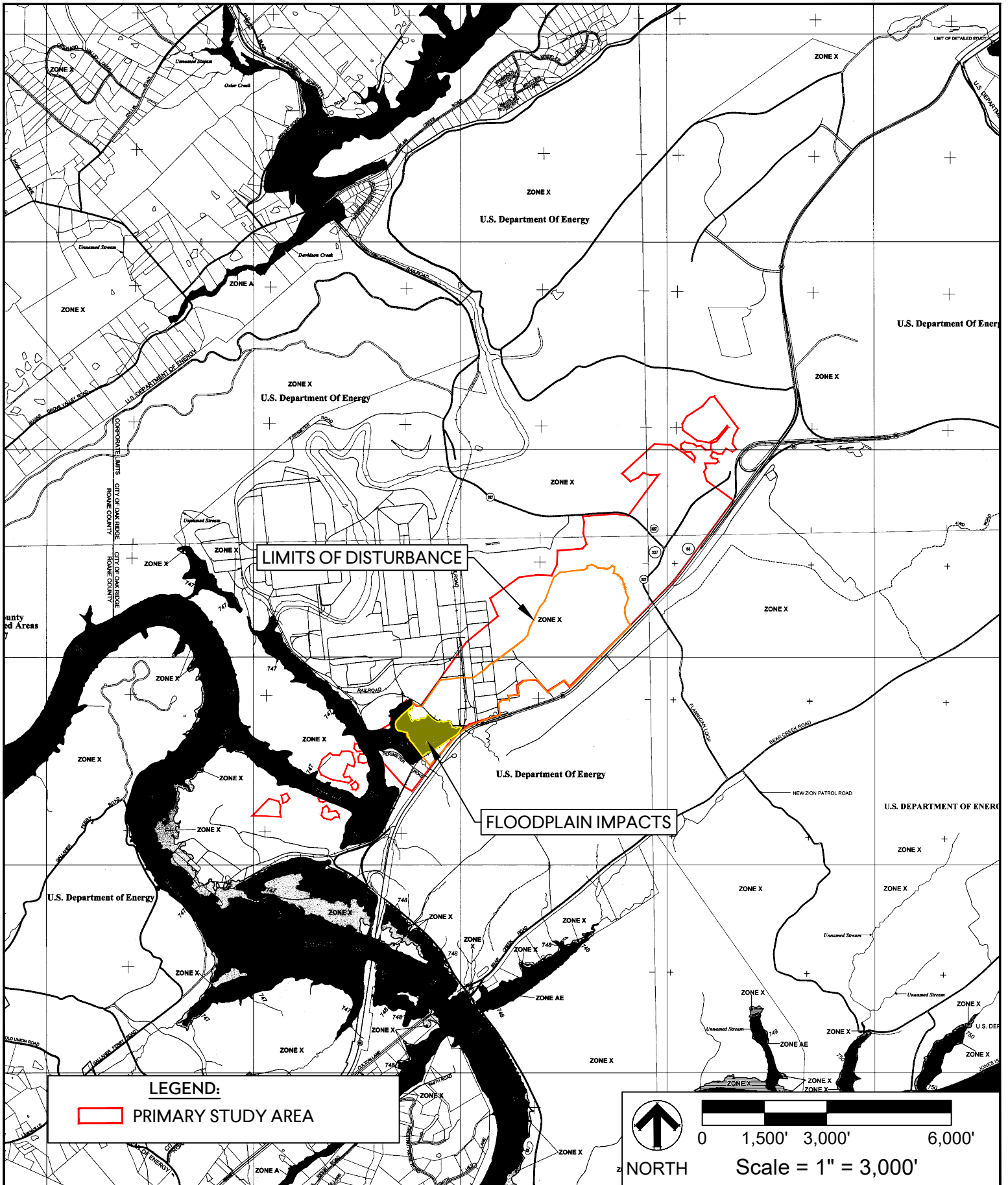
FAA Order 1050.1F provides that if a Proposed Action will encroach upon a floodplain, the FAA must determine whether such encroachment is significant. Significant floodplain impacts are

defined as the action causing “notable adverse impacts on natural and beneficial floodplain values,” as defined in DOT Order 5650.2. Per this DOT Order, significant encroachment in a floodplain result in one or more of the following construction or flood-related impacts: a) considerable probability of loss of human life, b) likely future damage associated with the encroachment that could be substantial in cost or extent, including interruption of service on or loss of a vital transportation facility, and c) a notable adverse impact on “natural and beneficial floodplain values.” Paragraph 4.k of DOT Order 5650.2 describes these values as including (but not limited to) “natural moderation of floods, water quality maintenance, groundwater recharge, open space, natural beauty, scientific study, outdoor recreation, agriculture, aquaculture, and forestry.”

#### 5.12.4c Analysis and Findings of Floodplains

The objective of an EA floodplain analysis is to determine if a proposed action encroaches on the base floodplain. The 100-year floodplain is considered the base floodplain in this evaluation and FEMA Flood Insurance Rate Maps (FIRM) are used as the primary information source. In order to differentiate between differing levels of flood hazard, FEMA created an array of zones corresponding to a location’s actual flood risk. The Federal Emergency Management Agency (FEMA) flood zone designations include: Zone A (subject to inundation by the 1% annual-chance flood event with no base flood elevation (BFE) determined), Zone AE (subject to inundation by the 1% annual-chance flood event with BFE determined), Zone VE (subject to inundation by the 1% annual-chance flood event with additional hazards due to storm waves, BFE determined), and Zone X (minimal risk areas outside the 1% and 0.2% annual-chance floodplains with no BFE or base flood depths determined). In addition, some areas have special flood-related hazards and are designated as Special Flood Hazard Areas (SFHA). A SFHA is an area where NFIP floodplain management regulations must be enforced. In this case, FEMA flood designation for most of the PSA and surrounding area is Zone X (unshaded); however, the southwestern portion of the PSA, including areas within the proposed limits of disturbance, are located in Zone AE with a BFE of 747, based on current FEMA FIRMs (Figure 5-7). The proposed action would result in the grading/filling of approximately 19.62-acres of floodplain for the proposed airport construction.

In order to maintain compliance with the NFIP, it is anticipated that a Conditional Letter of Map Revision (CLOMR) will be necessary for the proposed project. In order to support this CLOMR, continued coordination with the City of Oak Ridge floodplain administrator shall be necessary. The process for applying for a CLOMR includes the completion of a MT-2 Application, digitally available through FEMA. The USACE Hydrologic Engineer Center’s River Analysis System (HEC-RAS) engineer software shall be utilized to model the existing and proposed conditions to quantify the impacts to the SFHA once a near-complete design is available. The MT-2 application and all associated engineering analyses shall be submitted to FEMA through the Online Letter of Map Change (LOMC) portal. This CLOMR process includes a thorough technical review through FEMA and a public notice period. Construction within the SFHA shall not commence until a determination for the CLOMR is issued. Once construction completes, a follow-up Letter of Map Revision (LOMR) shall be completed using as-built conditions that will yield a revision to the effective FIRM.



REF. SHEET: FEMA FIRM PANELS 47145C0120F & 47145C0130F  
 DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

**PROPOSED OAK RIDGE AIRPORT**  
 OAK RIDGE, ROANE COUNTY, TENNESSEE

**FIGURE 5-7**

FEMA FIRM MAP  
 GMC # ENAS21A003  
 DATE: 08/13/2021  
 DRAWN BY: GLB

133 Holiday Court, Suite 102  
 Franklin, TN 37067  
 T 615.614.0121  
 GMCNETWORK.COM



**Table 5-14 Summary of Significant Encroachment Floodplain Analysis**

DOT Order 5650.2 Factors to Consider	Effect of the Proposed Action
<b>1. Impacts on Human Life &amp; Transportation Facilities</b>	
Would flooding affect airport or facility access roads thereby preventing people from entering or exiting the area?	No. The Proposed Action would include a stormwater management system that retains flood storage on the airport. Nearby roads and airport access would not be affected.
Would flooding affect aviation safety and the airport or facility's use?	No. The Proposed Action would include a stormwater management system that retains flood storage on the airport. Aviation safety and facility use would not be negatively affected.
Would flooding cause flood-induced spills of hazardous material stored at the airport and cause impacts on human populations?	No. Hazardous materials are not stored at the airport. There would be no possibility of flood-induced spills of hazardous materials as a result of the Proposed Action.
<b>2. Impacts to Natural and Beneficial Values of Floodplains</b>	
<b>Agriculture and Aquaculture:</b> Will the floodplain's ability to sustain agriculture or aquaculture be eliminated?	No. The PSA does not currently support significant agriculture or aquaculture uses.
<b>Aquatic or Terrestrial Organisms:</b> Will such organisms within the floodplain be adversely displaced with substantial loss, reduction, degradation, disturbance, or fragmentation of habitat?	No. The surrounding area does not currently contain suitable or sufficient breeding, nesting, nursery or refugia habitats for most types of wildlife species including aquatic or semi-aquatic organisms. Any organisms displaced by the Proposed Action footprint will readily have access to similar supporting habitats.
<b>Flood Control:</b> Will the floodplain's capacity to carry and store floodwaters be reduced?	Yes. Any adverse impacts to the SFHA shall be quantified during the CLOMR process. Once construction completes, the effective Flood Insurance Study (FIS) and associated FIRMs shall be revised through a LOMR based on as-built conditions.
<b>Groundwater Recharge and Water Quality:</b> Would the floodplain's ability to provide for groundwater recharge or maintain water quality be compromised?	No. The Proposed Action would include a stormwater management system that retains flood storage on the airport. The system also collects and treats increased stormwater runoff resulting from the additional impervious surfaces generated. Water quality standards would be maintained.
<b>Indirect Floodplain Impacts:</b> Will indirect floodplain impacts substantially reduce the floodplain's capacity to sustain the above listed values?	No. The Proposed Action would include a stormwater management system that would retain flood storage on the airport. Indirect impacts are not anticipated.

Source: Significant Floodplain Encroachment under DOT Order 5650.2 and factors to consider established in FAA Order 1050.1F and FAA 2020 Order 1050.1F Desk Reference

5.12.4d Environmental Consequences of the No Action Alternative

The no-action alternative will result in no construction of the proposed airport; however, the pond located in this portion of the site would likely still be filled. Therefore, floodplain impacts would potentially still occur with the No Action Alternative.

5.12.4e Environmental Consequences of the Proposed Action

The Proposed Action alternative would result in the construction of the proposed airport. In order to construct the proposed airport, there would be a direct impact to 19.62 acres of floodplain due to the placement of fill material during construction. There would be no other significant indirect or cumulative impacts to floodplains due to the implementation of the proposed action. Early coordination was conducted with the COR Floodplain Manager, Matt Widner, and he stated he was aware of the proposed airport project and is fully in support of its development. A copy of his response is provided in Appendix E.

5.12.4f Mitigation for Floodplain Impacts

During final design, considerations shall be taken to minimize any adverse impacts to the water surface elevations or flood velocities within the SFHA. During the CLOMR process, these adverse impacts shall be clearly quantified and communicated to FEMA within the MT-2 application and review, and the effective FIS and FIRM shall be revised after completion of the follow-up LOMR. A public notice period shall take place to inform the public of potential impacts during each phase of the flood study. A stormwater management system that retains flood storage on the airport is proposed in an effort to minimize and mitigate any proposed impacts to the SFHA.

**5.12.5 Surface Waters**

Per the FAA 2020 Desk reference, surface waters include “streams, rivers, lakes, ponds, estuaries, and oceans”. In addition to discussing impacts to these resource features, this section also discusses how to assess potential impacts to water quality standards that is not otherwise captured in discussion of other water resources in this impact category.

5.12.5a Regulatory Setting for Surface Waters

Similar to Wetland Resources, surface waters receive federal protection under the CWA, Safe Drinking Water Act (SWDA), the Fish and Wildlife Coordination Act, and the Rivers and Harbors Act. In addition to regulating direct impacts and/or modifications to surface waters, the CWA and SWDA also set standards for maintaining water quality within surface waters. This impact category is provided further protections by state statutes, as described below.

The Tennessee Water Quality Control Act of 1977 authorized TDEC to facilitate the federal National Pollutant Discharge Elimination System (NPDES) program. This program was developed to reduce the discharge of pollutants to creeks, rivers, and lakes by means of a permitting process. The most common in Tennessee is the Construction Stormwater Permit, also referred to as NPDES Stormwater Construction Permit or General Construction Permit (CGP). This permit is obtained from the TDEC Division of Water Resources. It is required for all construction projects involving clearing, grading, or excavation resulting in the disturbance of one or more

acres. It may also apply to projects that would result in the disturbance of less than an acre, if it is part of a larger development.

Similar to the CGP, the Tennessee ARAP permit (which also applies to Wetland Resources) is part of the federal NPDES program that has been developed to reduce the discharge of pollutants into bodies of water. TDEC Division of Water Resources facilitates applications and approvals for this permit. An ARAP is necessary for construction projects that will require the alteration of a stream, river, lake, or wetland.

#### 5.12.5b Significance Threshold for Surface Waters

FAA Order 1050.1F indicates the threshold for significant impacts to Surface Waters will occur if the Proposed Action would:

- Exceed water quality standards established by federal, state, local, tribal agencies; or
- Contaminate public drinking water supply such that public health may be adversely affected.

In addition to these thresholds, FAA Order 1050.1F provides factors to consider when evaluating potential impacts to surface waters. These factors are not intended to be thresholds and, should one or more of the factors exist, that does not automatically imply a significant impact for NEPA review. The FAA will evaluate the context and intensity of the given factors in light of context and intensity to determine if impacts are significant. These factors include, but may not be limited to, situations in which the Proposed Action may have the potential to a) adversely affect natural and beneficial water resource values to a degree that substantially diminishes or destroys such values; b) adversely affect surface waters such that the beneficial uses and values of such waters are appreciably diminished or can no longer be maintained and such impairment cannot be avoided or satisfactorily mitigated; or c) present difficulties based on water quality impacts when obtaining a permit or authorization.

#### 5.12.5c Analysis of Surface Waters

As stated in Section 5.12.3c, a Jurisdictional Waters report, which is provided in Appendix D, was completed for the PSA by S&ME and a preliminary JD and approved JD was obtained for the delineated aquatic resources. Table 5-15, Table 5-16, and Table 5-17 below summarize the surface waters delineated on site.

**Table 5-15 Delineated Open Waters**

<b>Name</b>	<b>Acres</b>
OW1	11.50
OW2	0.15
OW3	0.03
OW4	0.30
<b>Total</b>	<b>11.98</b>



**Table 5-16 Delineated Streams**

<b>Name</b>	<b>Length (LFT)</b>
S1	114
S2	558
S3	141
S4	4,030
S5	1,274
S6	387
S7	1,247
S8	276
S9	1,646
S10	390
S11	135
S12	448
S13	201
S14	154
S15	1,817
S16	195
S17	63
<b>Total</b>	<b>13,076</b>

**Table 5-17 Delineated WWC/ES's**

<b>Name</b>	<b>Length (LFT)</b>
WWC/ES 1	47
WWC/ES 2	100
WWC/ES 3	120
WWC/ES 4	82
WWC/ES 5	93
WWC/ES 6	320
WWC/ES 7	104

WWC/ES 8	94
WWC/ES 9	359
WWC/ES 10	68
<b>Total</b>	<b>1,386</b>

The Approved JD determined that each of the WWC/ES's were non-jurisdictional due to the ephemeral flow regime and that OW4 was non-jurisdictional due to being an artificial pond constructed entirely in uplands. Therefore, these features are not jurisdictional under the Navigable Waters Projection Rule of the Clean Water Act.

The Proposed Action would include the clearing of trees and grading activities within the proposed airport boundary impacting surface waters. Therefore, an analysis to determine if these impacts are significant is necessary. Table 5-18 provides a summary of the thresholds and factors to consider when performing an analysis of impacts to this category, as described in Exhibit 4-1 of the 2020 Desk Reference.

**Table 5-18 Summary of Surface Water Analysis**

FAA Threshold or Factor	Effect of the Proposed Action
<b>Threshold:</b> The Proposed Action will exceed established water quality standards.	The Proposed Action would include a stormwater management system that collects and treats stormwater runoff resulting from the additional impervious surfaces generated. Water quality standards would be maintained.
<b>Threshold:</b> The Proposed Action would contaminate public drinking water supply and public health may be affected.	The Proposed Action would include a stormwater management system that collects and treats stormwater runoff resulting from the additional impervious surfaces generated. No effects to the public drinking water supply would be generated.
<b>Factor:</b> Natural and beneficial water resource values will be substantially diminished or destroyed by effects from the Proposed Action	The Proposed Action would include a stormwater management system that collects and treats stormwater runoff before discharge into natural water resources. No substantial impacts to water resource values are anticipated.
<b>Factor:</b> The Proposed Action would impact beneficial uses and values of surface waters so that they are appreciably diminished or can no longer be maintained. This impairment cannot be avoided or satisfactorily mitigated.	The Proposed Action would include a stormwater management system that collects and treats stormwater runoff before discharge into natural water resources. No substantial impacts to water resource values are anticipated.

---

<p><b>Factor:</b> The Proposed Action will present difficulties due to water quality impacts when obtaining a permit or authorization.</p>	<p>The Proposed Action includes common construction activities and subsequent facilities that are designed in compliance with federal and state standards. No difficulties are anticipated in obtaining necessary permits.</p>
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*Source: Significance Thresholds and factors to consider established in FAA Order 1050.1F and FAA 2020 Order 1050.1F Desk Reference*

5.12.5d Environmental Consequences of the No Action Alternative

The No-Action alternative will result in no construction of the proposed airport; however, the pond located in the southwest portion of the site would likely still be filled through a CERCLA action of the DOE. Therefore, surface water impacts would potentially still occur with the No Action Alternative.

5.12.5e Environmental Consequences of the Preferred Alternative

The Proposed Action includes direct impacts to surface waters associated with the placement of fill materials into surface waters that are regulated by the USACE and/or TDEC. Direct impacts within the construction footprint will potentially result in impacts to 5,086 linear feet of jurisdictional streams and 1.90-acres of jurisdictional open waters (Figure 5-8).

5.12.5f Avoidance and Minimization of Surface Water Impacts

Avoidance and minimization of impacts to surface waters have been considered, however, due to the necessary grading for the construction of the proposed airport, impacts cannot be completely avoided. However, due to modifications to the proposed layout and location of the proposed airport within the proposed airport property boundary, impacts to surface waters have been minimized as much as possible. Throughout final design, the City of Oak Ridge will continue to work closely with TDEC and the Corps of Engineers to implement additional avoidance and minimization alternatives.

During the construction phase, appropriate soil erosion and sediment control devices, BMPs, etc. will be used. With the implementation of these measures, surface water impacts are not expected to exceed significance thresholds.

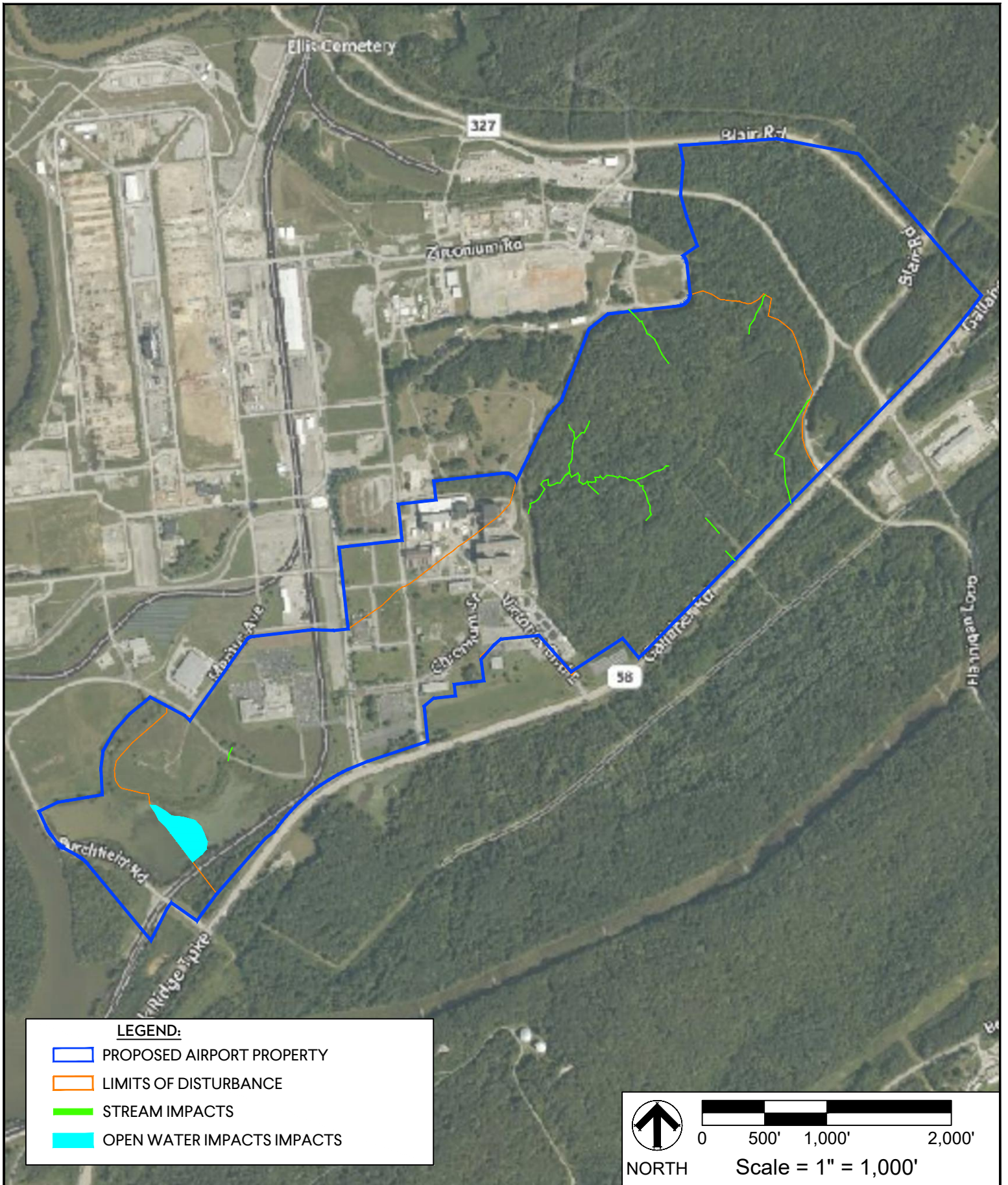
5.12.5g Consultations, Permits, and Other Approvals for Surface Water Impacts

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403). Under Section 10, the USACE regulates any work in, or affecting, navigable waters of the U.S. It appears the review area does not include navigable waters of the U.S. and would not be subject to the provisions of Section 10. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. Based on estimated impacts, the Proposed Action would require obtaining a Section 404 individual permit and TDEC would require an individual ARAP permit.

Staff within the Division of Water Resources has also reviewed the proposed development plan of the new airport. Since the grading, clearing, etc. will disturb well more than one acre of land and owing to the size of the project, an individual stormwater construction permit will be required. In addition, the airport will fall under requirements for the NPDES Tennessee Multi Sector Permit (TMSP) such that a Storm Water Pollution Prevention Plan (SWPPP) will have to be developed as well.

#### 5.12.5g Mitigation for Surface Water Impacts

In addition to obtaining the necessary permits, the impacts to the jurisdictional surface waters would be mitigated through credit purchases from an approved mitigation bank and/or through the implementation of a permittee responsible mitigation plan. No mitigation would be required to the impacts to the non-jurisdictional surface waters. However, impacts (and therefore mitigation) could be reduced if impacts are reduced as design progresses toward final design.



**LEGEND:**

- PROPOSED AIRPORT PROPERTY
- LIMITS OF DISTURBANCE
- STREAM IMPACTS
- OPEN WATER IMPACTS IMPACTS

NORTH      Scale = 1" = 1,000'

REF. SHEET: BING AERIAL PHOTOGRAPH  
 DESCRIPTION: FAA ENVIRONMENTAL ASSESSMENT

**PROPOSED OAK RIDGE AIRPORT**  
 OAK RIDGE, ROANE COUNTY, TENNESSEE

**FIGURE 5-8**  
 SURFACE WATER IMPACTS MAP

GMC # ENAS21A003  
 DATE: 08/13/2021  
 DRAWN BY: GLB

133 Holiday Court, Suite 102  
 Franklin, TN 37067  
 T 615.614.0121  
 GMCNETWORK.COM



### **5.13 Cumulative Impacts**

Cumulative Impacts are impacts the Proposed Action would have on a particular resource when added to impacts on that resource due to past, present, and reasonably foreseeable actions within a defined time and geographical area. The FAA 2020 Desk Reference provides guidance for analyzing Cumulative Impacts indicates that cumulative impact analysis is resource specific and generally addresses environmental resources, ecosystems or human community impacts resulting from the Proposed Action. The 2020 Desk Reference also indicates that the analysis should consider qualitatively the impacts related to the sustainability of environmental resources, ecosystems or human communities. Mitigation identified for the Proposed Action should also be documented in the cumulative analysis section for each topic analyzed. The guidance indicates that the cumulative analysis should focus on meaningful impacts, not inconsequential ones.

For each environmental resource category analyzed in this EA, cumulative effects were considered. Table 5.13 provides a list of the categories that were analyzed. Part of this analysis was the potential for cumulative impacts to exceed applicable significance threshold for the resource analyzed, when considering the Proposed Action combined with past, present, and reasonably foreseeable future actions. The Water Resources is the only environmental impact category that has the potential for cumulative impacts that could trigger the significance threshold for the resource analyzed.

After thorough review, the Proposed Action is not anticipated to have any significant cumulative impacts due to past actions or foreseeable future actions having impacts in the projects geographical area within the time of the project. The only identified planned future actions in the project area are additional airport improvements within the existing airport boundary.

## CHAPTER 6 CORRESPONDENCE AND PUBLIC INVOLVEMENT

### 6.1 Agency Coordination Summary

Early coordination with applicable federal, state and local regulatory and commenting agencies was initiated for this EA process. Thorough site inspections and the use of web-based investigative resources were also implemented. This combined effort assisted in the identification of potential environmental resources that may exist within the project area. Table 6-1, below, provides a list of agencies associated with regulation or oversight of the various environmental impact categories to be assessed. Each was sent a scoping letter requesting comments regarding the Proposed Action. A summary of any associated response is also provided. Appendix E contains the full correspondence submitted and the agency responses.

Goodwyn Mills Cawood, LLC. (GMC) conducted agency coordination with interested parties and received correspondence from the following.

**Table 6-1 Agency Coordination**

AGENCY CONTACTED	AGENCY REPRESENTATIVE	DATE OF LETTER SENT	DATE RESPONSE RECEIVED
Natural Resources Conservation Service	Gene Robinson	July 26,2021	---
Department of the Interior, Fish & Wildlife Service	Daniel Elbert	May 26, 2021	July 9, 2021
State Historic Preservation Office	Patrick McIntyre	Coordinated through FAA	---
U.S. Army Corps of Engineers	Mark McIntosh	May 26, 2021	August 27, 2021
Environmental Protection Agency	Douglas White	July 28, 2021	September 9, 2021
Tennessee Wildlife Resources Agency	Bobby Brown	May 26, 2021	August 25, 2021
*TDEC – Division of Natural Areas	Dillon Blankenship	May 26, 2021	August 2, 2021

Section 106 Consulting Partners	
Affiliation	Representative
USACE	Timothy Dodson, Regulatory Archaeologist
Oak Ridge Heritage and Preservation Association	Mick Wiest, Executive Director
Oak Ridge Heritage and Preservation Association	Terry Domm, Board President
National Parks Conservation Association	Emily Jones
National Park Service	Niki Nicholas, Manhattan Project National Historical Park and Obed Wild and Scenic River
National Park Service	Kris Kirby
Tennessee Historical Commission	D. Ray Smith, Local Historian and Commission Member
Tennessee Historical Commission	Patrick McIntyre, Executive Director
Tennessee Historical Commission	Kelley Reid, Historic Preservation Specialist
Tennessee Division of Archaeology	Jennifer Barnett, TDEC Cultural Resources Manager
Wheat Church Community	Steve Goodpasture
TVA	Steve Cole, TVA Archaeologist
American Museum of Science and Energy (AMSE)	Alan Lowe, Executive Director
East Band of the Cherokee	Russell Townsend, Tribal Historic Preservation Specialist (THPO)
Department of Energy (DOE)	John Shewairy, Ass't Manager for Administration DOE's Oak Ridge Office
DOE Consolidated Service Center	Johnathon Sitzler
Department of Energy (DOE)	Katatra Vasquez, NEPA Coordinator
Department of Energy (DOE)	Melissa Lutz, Site Manager
Department of Energy (DOE)	Steve Cooke, Oak Ridge Office of Env. Management/K-25 Preservation Coordinator
Department of Energy (DOE)	Tracy Atkiins
Alabama-Coushatta Tribe of Texas	Bryant Celestine, THPO
Muscogee Creek Nation	Corain Lowe-Zepeda, THPO
Community Reuse Organization of East TN (CROET)	Lawrence Young
CROET	Teresa Frady, President and CEO
Tennessee Wildlife Resources Agency	Bobby Brown
Tennessee Aeronautics Division	Evan Lester
Tennessee Aeronautics Division	John Paul Saalwaechter, Director
Tennessee Aeronautics Division	Erin Burkle
Federal Aviation Administration	Anshu Singh
Federal Aviation Administration	Tommy Dupree
City of Oak Ridge	Amy Fitzgerald, Government Affairs and Information Services
City of Oak Ridge	Mark Watson, City Manager
City of Oak Ridge	Jack Suggs, Deputy City Manager

## 6.2 Public Involvement

A notice of availability will be advertised for the draft EA to provide the public an opportunity to comment on the proposed project.



## CHAPTER 7 LIST OF PREPARERS

### Goodwyn Mills Cawood (GMC) – Prime Consultant

#### **Gary Brown, CPESC, LEED Green Associate**

Environmental Scientist/NEPA Specialist

#### CAREER SUMMARY

Gary has more than 15 years of experience as an environmental scientist working on numerous projects for both the private sector and government agencies. His experience includes working through the NEPA process from Categorical Exclusions to Environmental Impact Statements; Phase I and Phase II site assessments; erosion and sediment control; and stream and wetland delineation, permitting, restoration, and mitigation. Gary has managed and participated in numerous NEPA studies and documents for the Federal Aviation Administration (FAA), the Federal Highway Administration (FHWA), the Alabama Department of Transportation (ALDOT), the South Carolina Department of Transportation (SCDOT), the United States Department of Agriculture (USDA), the Environmental Protection Agency (EPA), the Federal Energy Regulatory Commission (FERC), the National Park Service (NPS) the U.S. Economic Development Administration (EDA), and the U.S. Department of Housing and Urban Development (HUD). Gary is also proficient in navigating the permitting processes for the United States Army Corps of Engineers (USACE), the Environmental Protection Agency (EPA), the Alabama Department of Environmental Management (ADEM), the Tennessee Department of Environment and Conservation (TDEC), the Georgia Soil and Water Conservation Commission (GSWCC), and the South Carolina Department of Health and Environmental Control (SCDHEC), including the SCDHEC Office of Ocean and Coastal Resource Management (OCRM).

#### **Mark Paslick**

Aviation Planning Manager

#### CAREER SUMMARY

Over the past 30 years, Mr. Paslick has been providing aviation consulting services to hundreds of airport boards and authorities throughout the US. The breadth and depth of his experience includes NPIAS application, feasibility studies, master plans, environmental assessments, noise analysis, aviation activity forecasts, site feasibility and selection studies, airport design, terminal area layouts, obstruction analysis, and airport layout plans. Additionally, he has aided in land acquisitions and on federal and state funding applications. As a planner, Mr. Paslick has written and developed planning documents for every new general aviation airport constructed in FAA's Memphis District over the past 25 years. He has supervised numerous airport design and construction projects from small runway overlays to the design and construction of several new general aviation airports.

**Matt Thomason, AICP, CM, PE**

Aviation Planning Leader/Project Manager

**CAREER SUMMARY**

Matt is an Engineer and Aviation Planner, and he holds a Master of Science in Airport Planning and Management from Cranfield University in Bedfordshire, United Kingdom. His extensive background includes work for airports such as Houston George Bush Intercontinental, Anchorage International Airport, Las Vegas McCarran International Airport, Jacksonville International Airport, Kona International Airport, Gainesville Regional Airport, Lynchburg Regional Airport, Brunswick Golden Isles Airport, and Ocala International Airport among others. His expertise lies in Airport Master Plans, Airport Layout Plans, Airspace Analysis and Planning, TERPS Analysis, Agency Coordination, Public Involvement, Airport Design, Airport Operations (Part 139), Crisis Communication, as well as, Airport Safety Management Systems.

**S&ME, Inc. – Subconsultant**

Aaron Brummitt, RPA: Principal Investigator for Archaeological Survey and Historic Resources Reconnaissance

Frank Carvino, RPA

Quinn-Monique Ogden, RPA

Josh P. Rowe, QHP: Jurisdictional waters delineation and report

Elizabeth M. Porter, PMP, PG: Jurisdictional waters delineation and report

**R.A. Wiedemann and Associates – Subconsultant**

Randal Wiedemann: President of R.A. Wiedemann and Associates; Air, Noise & AEDT

## APPENDICES

## APPENDIX A



Threatened & Endangered Species Report  
Oak Ridge Airport – Environmental  
Assessment  
Oak Ridge, Roane County, Tennessee  
S&ME Project No. 4143-20-082

PREPARED FOR:

**Goodwyn Mills Cawood**  
**133 Holiday Court, Suite 102**  
**Franklin, Tennessee 37064**

PREPARED BY:

**S&ME, Inc.**  
**6515 Nightingale Lane**  
**Knoxville, Tennessee 37909**

**May 10, 2021**



May 10, 2021

U.S. Fish and Wildlife Service  
Cookeville Field Office  
446 Neal Street  
Cookeville, TN 38501  
Attention: Mr. Robbie Sykes

Tennessee Wildlife Resources Agency  
P.O. Box 40747  
Nashville, Tennessee 37204  
Attention: Ms. Della Sawyers

Tennessee Department of Environment & Conservation  
Division of Natural Areas  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 2<sup>nd</sup> Floor  
Nashville, Tennessee 37243  
Attention: Mr. Dillon Blankenship

Reference: **Threatened and Endangered Species Report**  
**Oak Ridge Airport – Environmental Assessment**  
Oak Ridge, Roane County, Tennessee  
S&ME Project No. 4143-20-082

Dear Robbie, Dillon, and Della,

S&ME, Inc. (S&ME) is submitting this report to present the results of the threatened and endangered (T&E) species review completed by S&ME in April 2021 on approximately 475 acres of land northwest of the Oak Ridge Turnpike near the intersection with Blair Road in Oak Ridge, Roane County, Tennessee. The property is proposed for the development of the Oak Ridge Airport, and portions of the site were previously used for Department of Energy (DOE) operations. The Endangered Species Act of 1973 (ESA) mandates all federal departments and agencies to conserve listed species and to utilize their authorities in furtherance of the purposes of the ESA. Since approval and funding from federal and state agencies will be required, consultation with the U.S. Fish and Wildlife Service (USFWS) and state agencies (i.e., Tennessee Wildlife Resources Agency (TWRA) and Tennessee Division of Natural Areas (TDNA)) is being performed.

S&ME is providing this T&E Species Evaluation report for your review and requests that the USFWS, TWRA, and TDNA provide letters of comments at your earliest convenience. If you have any questions regarding this report, please feel free to contact us.

Sincerely,

**S&ME, Inc.**

A handwritten signature in cursive script that reads "Sarah A. Rowe".

Sarah A. Rowe, PWS, QHP  
Project Scientist

A handwritten signature in cursive script that reads "Elizabeth M. Porter".

Liz Porter, P.G., PMP  
Vice President



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- Figure 2 - Database Review Map
- Figure 3 - Photograph Location Map
- Figure 4 - Representative Photographs

### Appendix II - Agency Coordination Letters

- Species Conclusion Table
- USFWS Official Species List/IPaC Results
- Elverton and Bethel Valley, TN Quadrangles TDNA Species Lists



## 1.0 Project Description

The City of Oak Ridge (the City) proposes to construct a new airport on approximately 475 acres of land northwest of the Oak Ridge Turnpike near the intersection with Blair Road in Oak Ridge, Roane County, Tennessee (Figure 1). Portions of the site were previously used for Department of Energy (DOE) operations for the K-25 uranium enrichment facility site, which the DOE has been working for more than 10 years to reclaim for industrial use. The proposed project is located in the area now known as the Heritage Center Industrial Park. The proposed airport will assist in the revitalization of the industrial park and the City anticipates that it will prove to be an economic generator bringing jobs and visitors from around the country to the region.

Since an Environmental Assessment (EA) is required for the project due to federal funding and review by the Federal Aviation Administration (FAA), S&ME is submitting this letter on behalf of the civil engineer for the project (i.e., Goodwyn Mills Cawood) and the City requesting that the U.S. Fish and Wildlife (USFWS), Tennessee Wildlife Resources Agency (TWRA), and Tennessee Department of Environment and Conservation (TDEC) Division of Natural Areas (TDNA) perform a review of the site with respect to the known presence of rare, threatened, or endangered (T&E) species. S&ME has performed a preliminary desktop review of potential T&E species that may exist at or near the site and performed a site visit to evaluate potential habitat conditions. The information collected by S&ME with regard to potential protected species is described below.

## 2.0 Literature and Database Review

The property is located on a portion of the U.S. Geological Survey (USGS) Quadrangle maps for Elverton and Bethel Valley, Tennessee (Figure 1), and the latitude and longitude near the center of the site are 35.932520°N, - 84.380392°W. According to the topographic map (Figure 1), and the TDEC stream database and NWI map (Figure 2), the Clinch River and Poplar Creek embayment flow across the southwestern portion of the site; one additional blue-line stream flows to the northwest near the center of the project area. Three additional open-water areas are also shown on the topographic and NWI maps near the southwestern corner. Field verification by S&ME confirmed the presence of the features shown on the topographic, NWI, and TDEC database maps; however, multiple other streams and wetlands not identified during the database review were also delineated throughout the site.

The entire site drains to the 8-digit Lower Clinch River watershed (06010207), and the majority of the site drains to the 12-digit Hydrologic Unit Code (HUC) Poplar Creek Lower watershed (060102070303). However, the northeastern-most corner where trees will be cleared for the runway protection zone (RPZ) drains to the East Fork Poplar Creek 12-digit HUC watershed (060102070302). The entire site is also located within the Southern Limestone/Dolomite Valleys and Low Rolling Hills (67f) ecoregion.

S&ME reviewed the USFWS online database (i.e., the Information, Planning, and Conservation (IPaC) decision support system, attached) and the TDNA rare species by quadrangle database to determine if T&E species, designated critical habitat, proposed critical habitat, Migratory Birds of Conservation Concern (MBCC), or other





natural resources of concern may be affected by development activities at the site. As listed in Table 2-1 below, several federally- and state-protected species are listed within the vicinity of the project site; however, the site is not located within designated critical habitat for any species.

**Table 2-1– FEDERAL AND STATE PROTECTED SPECIES LIST**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Species Type</b>	<b>Protection Status</b>
Gray bat	<i>Myotis grisescens</i>	Mammal	Federal & State Endangered
Indiana bat	<i>Myotis sodalis</i>	Mammal	Federal Endangered
Northern long-eared bat	<i>Myotis septentrionalis</i>	Mammal	Federal Threatened
Southern bog lemming	<i>Synaptomys cooperi</i>	Mammal	State Deemed in Need of Management
Long-tailed shrew	<i>Sorex dispar</i>	Mammal	State Deemed in Need of Management
Slender chub	<i>Erimystax cahni</i>	Fish	Federal Threatened
Spotfin chub	<i>Erimonax monachus</i>	Fish	Federal Threatened
Yellowfin madtom	<i>Noturus flavipinnis</i>	Fish	Federal Threatened
Tangerine darter	<i>Percina aurantiaca</i>	Fish	State Deemed in Need of Management
Tennessee dace	<i>Chrosomus tennesseensis</i>	Fish	State Deemed in Need of Management
Flame chub	<i>Hemitremia flammea</i>	Fish	State Deemed in Need of Management
Valley flame crayfish	<i>Cambarus</i>	Crustacean	State Endangered
Hellbender	<i>Cryptobranchus alleganiensis</i>	Amphibian	State Endangered
Four-toed salamander	<i>Hemidactylium scutatum</i>	Amphibian	State Deemed in Need of Management
Green salamander	<i>Aneides aeneus</i>	Amphibian	Rare, Not State Listed
Alabama lampmussel	<i>Lampsilis virescens</i>	Mussel	Federal & State Endangered
Cracking Pearlymussel	<i>Hemistena lata</i>	Mussel	Federal Endangered
Dromedary pearlymussel	<i>Dromus dromas</i>	Mussel	Federal Endangered
Fanshell	<i>Cyprogenia stegaria</i>	Mussel	Federal & State Endangered
Finerayed pigtoe	<i>Fusconaia cuneolus</i>	Mussel	Federal & State Endangered



**Table 2-1– FEDERAL AND STATE PROTECTED SPECIES LIST (CONTINUED)**

Orangefoot pimpleback	<i>Plethobasus cooperianus</i>	Mussel	Federal & State Endangered
Pink mucket	<i>Lampsilis abrupta</i>	Mussel	Federal & State Endangered
Pyramid pigtoe	<i>Pleurobema rubrum</i>	Mussel	State Rare, Not Listed
Ring pink	<i>Obovaria retusa</i>	Mussel	Federal & State Endangered
Rough pigtoe	<i>Pleurobema plenum</i>	Mussel	Federal Endangered
Rough Rabbitsfoot	<i>Quadrula cylindrica strigillata</i>	Mussel	Federal & State Endangered
Sheepnose mussel	<i>Plethobasus cyphus</i>	Mussel	Federal & State Endangered
Shiny pigtoe	<i>Fusconaia cor</i>	Mussel	Federal & State Endangered
Spectaclecase	<i>Cumberlandia monodonta</i>	Mussel	Federal & State Endangered
White wartyback	<i>Plethobasus cicatricosus</i>	Mussel	Federal Endangered
Anthony’s riversnail	<i>Athearnia anthonyi</i>	Snail	Federal Endangered
Spiny riversnail	<i>Io fluviialis</i>	Snail	State Rare, Not State Listed
Virginia spiraea	<i>Spiraea virginiana</i>	Plant	Federal Threatened
White fringeless orchid	<i>Platanthera integrilabia</i>	Plant	Federal Threatened
Northern bush-honeysuckle	<i>Diervilla lonicera</i>	Plant	State Threatened
Spreading false-foxglove	<i>Aureolaria patula</i>	Plant	State Special Concern
Schreber’s aster	<i>Eurybia schreberi</i>	Plant	State Special Concern
Mountain honeysuckle	<i>Lonicera dioica</i>	Plant	State Special Concern
Tall larkspur	<i>Delphinium exaltatum</i>	Plant	State Endangered
Fen orchid	<i>Liparis loeselii</i>	Plant	State Threatened
American ginseng	<i>Panax quinquefolius</i>	Plant	State Listed Special Concern
Butternut	<i>Juglans cinerea</i>	Plant	State Threatened
Small-headed rush	<i>Juncus brachycephalus</i>	Plant	State Special Concern
Nuttall’s waterweed	<i>Elodea nuttallii</i>	Plant	State Special Concern
River bulrush	<i>Bolboschoenus fluviatilis</i>	Plant	State Special Concern



**Table 2-1– FEDERAL AND STATE PROTECTED SPECIES LIST (CONTINUED)**

Mountain witch-alder	<i>Fothergilla major</i>	Plant	State Threatened
Tubercled rein-orchid	<i>Platanthera flava var. herbiola</i>	Plant	State Threatened
Heller’s catfoot	<i>Pseudognaphalium helleri</i>	Plant	State Special Concern
Branching whitlow-grass	<i>Draba ramosissima</i>	Plant	State Special Concern
Earleaved false-foxglove	<i>Agalinis auriculata</i>	Plant	State Endangered
Naked-stem sunflower	<i>Helianthus occidentalis</i>	Plant	State Special Concern
Slender blazing-star	<i>Liatris cylindracea</i>	Plant	State Threatened
Prairie goldenrod	<i>Oligoneuron album</i>	Plant	State Endangered
Shining ladies’ tresses	<i>Spiranthes lucida</i>	Plant	State Threatened
Northern pinesnake	<i>Pituophis melanoleucus melanoleucus</i>	Reptile	State Threatened
Eastern slender glass lizard	<i>Ophisaurus attenuates longicaudus</i>	Reptile	State Deemed in Need of Management
Bachman’s sparrow	<i>Peucaea aestivalis</i>	Bird	State Endangered
Cerulean warbler	<i>Setophaga cerulea</i>	Bird	State Deemed in Need of Management
Swainson’s warbler	<i>Limnothypis swainsonii</i>	Bird	State Deemed in Need of Management
Heron rookery	Rookery	Bird Assemblage	Rare, Not State Listed

S&ME searched online sources (e.g., NatureServe ([www.natureserve.org](http://www.natureserve.org))) for information regarding the listed species to determine if they may be present at the project site and if so, if the project may affect the species. The findings of the species review and the field review to identify listed species and/or potential habitat are detailed below.

### 3.0 Field Review

S&ME personnel visited the site in late March/early April 2021 to locate and delineate jurisdictional waters and potential T&E species concerns within the project area. The primary site-development area is bordered by Burchfield Road and the Poplar Creek Embayment to the southwest, Oak Ridge Turnpike to the south/southeast, forest to the north/northeast/northwest, and the K-25 Site footprint to the west. The surrounding area is primarily forest on all sides except for the north, which consists of the K-25 Site that is currently in the demolition, cleanup, and redevelopment stages. Eight small polygonal areas are also located to the southwest and northeast of the primary airport site. These areas will require tree clearing within the proposed runway protection zone; these areas are surrounded by mature forest.



Due to historical use of the site, the southwest third of the site is comprised of buildings, pavement, roads, utilities, stormwater ponds, and lawn. The remainder of the site consists of mature and successional forest transected by roads, cleared powerline easements, and church/cemetery grounds. Typical trees within the forest include various red and white oaks (*Quercus* sp.), maples (*Acer* sp.), hackberry (*Celtis occidentalis*), loblolly pine (*Pinus taeda*), hickory (*Carya* sp.), American beech (*Fagus grandifolia*), sweetgum (*Liquidambar styraciflua*), eastern red cedar (*Juniperus virginiana*), black cherry (*Prunus serotina*), redbud (*Cercis canadensis*), dogwood (*Cornus florida*), and elms (*Ulmus* sp.). Trees along the ponds and wetlands include sycamore (*Platanus occidentalis*), black willow (*Salix nigra*), and bald cypress (*Taxodium distichum*). Understory shrubs include tree saplings of the previously-mentioned species, privet (*Ligustrum sinense*), honeysuckle (*Lonicera maackii*), fire cherry (*Prunus pensylvanica*), spicebush (*Lindera benzoin*), coralberry (*Symphoricarpos orbiculatus*), and silky dogwood (*Cornus amomum*).

Multiple habitat types are located within the project area, including mature and successional deciduous and pine forest, grassland, riparian areas, wetlands, and ponds. Poplar Creek borders the site to the west but will not be impacted by the proposed project. The streams that may be impacted by the project consist of small drainages that are mostly intermittent, with a few low-flowing perennial streams also present. The findings of the field habitat survey and the potential for listed T&E species are detailed below, and representative photographs are attached (Figure 3).

### **Mammal Species**

**Gray Bat:** The gray bat is the largest member of *Myotis* weighing between seven and 16 grams and is distinguished from other bats by the dark gray fur on the back. After the gray bat molts in July or August, the dark gray fur often bleaches to a chestnut brown or russet. Additionally, the bat's wing membrane connects to its ankle instead of at the toe as in other species of *Myotis*. The gray bat lives in caves year-round with rare exceptions. During the winter, the gray bat hibernates in deep vertical caves; in summer it roosts in caves that are typically scattered along rivers in limestone karst areas, feeding on flying aquatic and terrestrial insects. Females give birth to a single pup in late May or early June. **No caves, sinkholes, or other potential gray bat habitat was observed on the project site. Therefore, S&ME does not believe that habitat for gray bat is present within the site and doesn't anticipate any adverse effects on this species.**

**Indiana Bat and Northern Long-Eared Bat:** The Indiana bat has a wingspan of about nine to 11 inches and fur that is dark brown to black. The northern long-eared (NLEB) has a wingspan of about nine to 10 inches and fur that is medium to dark brown on the back and tawny to pale brown on the underside. During winter, the bat species hibernate in humid caves or other similar structures (e.g., abandoned mines) that provide stable temperatures between 32° F and 50° F. After hibernation, they migrate to their summer habitat in wooded areas where they usually roost under the loose tree bark of dead or dying trees. During summer, males roost alone or in small groups, while females roost in larger groups of up to 100 bats or more. They also forage in or along the edges of forested areas. Based on S&ME's previous experience and current USFWS guidance, the USFWS considers any live or dead tree with loose or exfoliating bark with a diameter at breast height (DBH) greater than three inches to be potential roosting habitat for the Indiana bat and NLEB.



**Since the project site is comprised of multiple habitat types, including approximately 290 acres of pine and oak-hickory forest, meadow, open-water, and forested riparian corridors, potential habitat for Indiana bat and/or NLEB is present. According to the NLEB Final 4(d) Rule issued January 14, 2016, since the site is not located within 150 feet of a known NLEB maternity roost tree, or within 0.25 miles of a known NLEB hibernaculum, incidental take of NLEB via tree clearing or structure removal is not prohibited. Also, according to the USFWS *Conservation Strategy for Forest-dwelling Bats in Tennessee*, dated October 5, 2017 and the *Indiana Bat Sites in Tennessee Map*, dated August 16, 2019, the project site is not located within a known range of habitat for the Indiana bat. Therefore, S&ME understands that tree clearing for the project may affect but is not likely to adversely affect Indiana bat and NLEB and should not be restricted.**

**Southern bog lemming:** The southern bog lemming is a small vole, weighing 20 to 50 grams that is native to eastern North America, ranging from southern Quebec to western Minnesota, to southwestern Kansas, and east to the U.S. Atlantic coast. It has a silver-gray ventral side, with a dorsal pelage ranging in color from a chestnut to dark brown. The tail is short, barely longer than the hind foot. Preferred habitat includes sphagnum bogs and low moist places (e.g., marshy meadows, wet balds), but they also can be found in rich upland forests. **Habitat for the southern bog lemming may exist within the forested habitat at the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Long-tailed shrew:** The long-tailed shrew is a small shrew with a range extending from Nova Scotia, Canada south through eastern Tennessee and North Carolina; they are found in greatest abundance throughout the Appalachian Mountains. This species can be distinguished from other similar shrews by their more-slender body and longer tail. They have a long snout and small eyes, a dark-grey pelage with slightly paler underparts, and sharp, pointed, often-stained teeth. Habitat includes mountainous, forested areas with loose talus and amid the debris surrounding rock-slides in East Tennessee. **Habitat for the long-tailed shrew is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

### **Fish Species**

**Slender chub:** The slender chub is a small species of minnow native to the upper Tennessee River drainage, in Tennessee and Virginia. It has a maximum length of 3.7 inches, reaches a maximum age of approximately two years, and spawns in late April and early May. Its habitat includes gravel runs and riffles of medium to fairly large, usually clear, warm rivers of moderate gradient. It feeds on small snails, and immature midges, caddisflies, and mayflies. **Habitat for the slender chub is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Spotfin chub:** The spotfin chub is a ray-finned fish in the Cyprinidae family that is native to the Tennessee River watershed. It ranges in size from 2.2 to 3.5-inches and is silver in color. It prefers habitats with gravel and sand runs within medium-sized rivers. The young can also occur in slackwater habitats, including the deeper portions of rivers and reservoirs. **Habitat for the spotfin chub is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**



**Yellowfin madtom:** Yellowfin madtom is a small, nocturnal catfish confined to the upper Tennessee River drainage in Tennessee and Virginia (and historically in Georgia). This fish has a stout, yellow body with dark mottling, specks, and four dark saddles above, and yellow to white below. A brown saddle is located in front of the dorsal fin that encloses two light spots. The fins are yellow with dark bands or mottling at the middle and near the edges. The adipose fin is nearly free from the caudal fin, and the caudal fin is straight or slightly rounded. The pectoral spine has four to 10 large teeth on the rear edge and several large teeth on the front edge. The anal fin has 14 to 16 rays. Habitat includes medium-sized and large creeks and small rivers that are unpolluted, warm or warm to cool, usually relatively unsilted, and of moderate to gentle gradient. It is usually found in slow pools and occasionally small backwaters off runs and riffles, under cover (e.g., sticks, logs, leaf litter, undercut banks, tree roots, rocks, trash) during daylight hours. During night hours, it can be found on the streambed in open, clean gravel and rubble areas away from banks and riffles. **Habitat for the yellowfin madtom is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Tangerine darter:** The Tangerine darter is a species of freshwater darter (i.e., Percidae) native to the eastern U.S. It averages six inches long, and males are usually bright orange-red, and females are yellow. It typically inhabits clear, cool streams or small rivers of the southern Appalachian Mountains with large boulders, bedrock, and gravel substrates. It is usually found in the deeper riffles and pools. **Habitat for the tangerine darter may exist within the first-order perennial streams onsite; therefore, impacts to this species resulting from development cannot be ruled out.**

**Tennessee dace:** The Tennessee Dace is a species of freshwater minnow (i.e., Cyprinidae) native to northeast Tennessee, southwest Virginia, and northwest Georgia. It has a complete lateral line, plain olivaceous to profusely-speckled with black dorsal coloration. It is typically found in small, spring-fed, first-order streams that are shaded by woody vegetation, often in silt and fine-gravel pools, or undercut banks. **Habitat for the Tennessee dace may exist within the first-order perennial streams onsite; therefore, impacts to this species resulting from development cannot be ruled out.**

**Flame chub:** The flame chub is the only member of the genus *Hemitremia*. It is a small, heavy-bodied minnow that grows to a length of three inches. It has a deep caudal peduncle and a slightly compressed body shape. The head and snout are short and blunt. Coloration of juveniles and small adults is olive green above and white below, with a pale band above the lateral stripe. During the breeding season, males develop bright red coloration in several locations of the body; males will usually have some red coloration during the remainder of the year as well. The flame chub occurs only in cold, clear waters of springs and spring-fed streams. **Habitat for the flame chub may exist within the first-order perennial streams onsite; therefore, impacts to this species resulting from development cannot be ruled out.**

### **Crustacean Species**

**Valley flame crayfish:** The valley flame crayfish is an invertebrate found in four localities in Anderson and Roane counties in Tennessee and is widespread in eastern Kentucky. It was originally thought to have a restricted range in the Clinch and Emory River drainages of northwest Tennessee but was recently collected widely (but sporadically) in central and southeastern Kentucky. The type locality of this species is a floodplain on the east of Poplar Creek, where soils consist of clays and fragments of shale. This species is a primary burrower, usually with



openings concealed by vegetation, and in open areas with high water tables. **Habitat for the valley flame crayfish may exist within the floodplain of the Poplar Creek embayment; therefore, impacts to this species resulting from development cannot be ruled out.**

### **Amphibian Species**

**Hellbender:** The hellbender salamander is a species of aquatic giant salamander native to eastern North America. It is much larger than all other salamanders in its geographic range and has a flat body and head with dorsal eyes and slimy skin. It has working lungs, but gill slits are often retained, even after maturity. Oxygen is absorbed from the water through capillaries of its side fills. It is blotchy brown or red-brown in color, with a pale underbelly. Habitat includes swift creeks and rivers, with intermittent rocks and boulders and swiftly moving water. **Habitat for the hellbender is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Four-toed salamander:** The four-toed salamander is a lungless salamander in the Plethodontidae family native to eastern North America. It has a white underbelly sprinkled with black dots, and a back varying from orange- to red-brownish with gray flanks. The posterior limbs have four toes, and the tail color is usually brighter than the back. Habitat includes sphagnum bogs, grassy areas surrounding beaver ponds, and deciduous or mixed forests rich with mosses. **Habitat for the four-toed salamander may exist around the pond on the southwestern corner of the site and within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Green salamander:** The green salamander is a species of lungless salamander in the Plethodontidae family native to the Alleghenies, Cumberland Plateau, and Great Smokey Mountains. It ranges from southwestern Pennsylvania to northern Alabama and northeastern Mississippi; it has also been identified in south-central Ohio and in isolated populations in Georgia, North Carolina, and South Carolina. This salamander is small and notably flat, with green, lichen-like blotches against a darker dorsum; it is the only salamander in North America with green markings. It has squared toe-tips, large, conspicuous eyes, and a light blue to yellow ventral surface. This species is terrestrial with habitat found in damp (but not wet) crevices in shaded rock outcrops and ledges, or beneath loose bark and in cracks of standing or fallen trees. **Habitat for the green salamander may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

### **Mussel Species**

**Alabama Lampmussel:** The Alabama Lampmussel is a freshwater Cumberlandian species of mussel restricted to the Tennessee River drainage of northern Alabama and Tennessee. Historically in Tennessee, it was found in the Emory River, Roane and Morgan Counties, and Coal Creek (a tributary of the Clinch River in Anderson County). It is believed to be extirpated from the state of Tennessee and is now found only in the Paint Rock River in Alabama. This mussel grows up to 2.3 inches long and is straw-colored or greenish and smooth and shiny. **Habitat for the Alabama lampmussel is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Cracking Pearlymussel:** The cracking Pearlymussel is a freshwater mussel that exists in Tennessee and Virginia (i.e., in the Clinch, Powell, and Elk Rivers). These mussels have thin, fairly weak, elongated shells that may reach up



to 2.7 inches in height. The outer coloring of the shell varies from yellow to brown, while the interior of the shell is pale bluish white, with a purple beak cavity. This species buries itself in the sand or mud in the bottom of medium-sized, flowing rivers. They prefer relatively shallow (less than two-feet-deep) water with a moderate current.

**Habitat for the cracking pearlymussel is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Dromedary Pearlymussel:** The dromedary pearlymussel is a freshwater mussel native to the Cumberland and Tennessee River systems in Tennessee and Virginia. It is yellow-green in color with interrupted green rays on the shell. It has a white, pink, or reddish nacre and has a distinctive hump on the shell of larger individuals. Its preferred habitat is clean, fast-flowing water in substrates that contain relatively firm rubble, gravel, and stable, clean substrates. It is usually found in riffles occurring at shoals with sand and gravel and moderate current velocities, but can also be found in deeper, slower moving water in Tennessee. **Habitat for the dromedary pearlymussel is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Fanshell:** The fanshell is a freshwater mussel that is known to have breeding populations in only three rivers, the Clinch River in Tennessee and Virginia and the Green and Licking Rivers in Kentucky; there may be a small reproducing population in the Tennessee River. Remaining fanshell populations are small and geographically isolated from each other and are not considered viable. This species has a medium-sized shell, seldom exceeding 3.2 inches in length, has green rays on a light green or yellow surface ornamented with green mottling on the exterior shell and a silvery white inside surface. Characteristic habitat is medium to large rivers; it buries itself in sand or gravel in deep water of moderate current, with only the edge of its shell and its feeding siphons exposed. **Habitat for the fanshell is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Finerayed pigtoe:** The finerayed pigtoe is a freshwater mussel native to Tennessee, Alabama, and Virginia. It has a medium-sized shell that is yellow-green to light brown with numerous fine green rays. Its preferred habitat is in relatively silt-free substrates of sand, gravel, and cobble shoals of streams and rivers. Potential habitat for the finerayed pigtoe was not observed within the project area. **Habitat for the finerayed pigtoe is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Orangefoot pimpleback:** The orangefoot pimpleback is a freshwater mussel native to the Tennessee, Cumberland, and lower Ohio Rivers in the U.S. It is rounded in shape, grows up to 9.5 centimeters long, and has bumps on the posterior part of the shell; the foot is orange in live specimens. Its preferred habitat is clean, fast-flowing water in silt-free rubble, gravel, or sand of medium to large rivers. It buries itself in sand or gravel in water as deep as 29 feet, so that only the edge of its shell and its feeding siphons are exposed. **Habitat for the orangefoot pimpleback is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Pink mucket:** The pink mucket is a freshwater mussel native to the eastern U.S. It is slightly rounded and elongated with a thick, inflated, and smooth yellow-brown shell. Its preferred habitat is mud and sand and in shallow riffles and shoals swept free of silt in major rivers and tributaries. It buries itself in sand or gravel, with only





the edge of its shell and feeding siphons exposed. It can be found in water one inch to five feet deep. **Habitat for the pink mucket is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Pyramid pigtoe:** The pyramid pigtoe is a species of freshwater mussel native to large-stream segments of the Ohio River System and its tributaries, including the Tennessee and Cumberland Rivers. The shell is solid, heavy, and inflated in the umbral region, and the beak is elevated high about the hinge line and projects anterior to the rest of the shell. The nacre is typically white, but may be pink, and the periostracum is usually a reddish or chestnut brown, often with a satiny appearance. This species is typically found in medium to large rivers, and preferred habitat includes riffles and shoals in shallow water with moderate to swiftly-flowing currents. Substrates range from coarse gravel to mud and sand to depths of about four meters. **Habitat for the pyramid pigtoe is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Ring pink:** The ring pink is a medium-sized freshwater mussel native to the Ohio River basin. It has a round, moderately inflated, thick shell without rays and is yellow-green to brown in color. The color inside the shell varies from light pink to dark purple surrounded by a white border. Habitat includes gravel and sandy substrates in large rivers. **Habitat for the ring pink is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Rough pigtoe:** The rough pigtoe is a species of freshwater mussel whose range has dropped from the Ohio, Cumberland, and Tennessee River drainages down to small populations below three Tennessee River mainstem dams and the upper Clinch River in Tennessee and the Green and Barren Rivers in Kentucky. In Alabama, extant populations occupy Tennessee River tailwaters of Wilson Dam and possibly Gunter'sville Dam. This mussel is found in medium to large rivers (60 feet or wider) in sand, gravel, and cobble substrates in shoals; it buries itself in bottoms of firmly packed sand or gravel with its feeding siphons exposed. It is occasionally found on flats and muddy sand. **Habitat for the rough pigtoe is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Rough Rabbitsfoot:** The rough rabbitsfoot is a species of freshwater mussel in the Unionidae family that is native to the southeastern states, primarily Kentucky, Tennessee, Virginia, and Alabama. Primary habitat of this mussel species includes clear-flowing creeks and small- to moderately-sized rivers with sand, gravel, and cobble substrates. **Habitat for the rough rabbitsfoot is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Sheepnose mussel:** The sheepnose mussel is a species of freshwater mussel in the Unionidae family that is endemic to the Midwest and Southeast U.S. but has been extirpated throughout much of its former range or reduced to several dozen isolated populations. This species has been eliminated from two-thirds of the total number of streams from which it was historically known, but it still has a wide distribution in the Mississippi and Ohio basins. The majority of the remaining populations are small and geographically isolated. **Habitat for the sheepnose mussel is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**



**Shiny pigtoe:** The shiny pigtoe is a freshwater mussel native to Tennessee, Alabama, and Virginia. It has a shell that is smooth and shiny with dark green or black rays on a yellow to brown background. Its preferred habitat is along fords and in shoals of clear, moderate to fast-flowing streams and rivers with stable substrates. It is not found in deeper pools or reservoirs. **Habitat for the shiny pigtoe is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Spectaclecase:** The Spectaclecase mussel is a freshwater mussel native to the central U.S.; it has been found in Alabama, Arkansas, Illinois, Iowa, Kentucky, Minnesota, Missouri, Tennessee, Virginia, West Virginia, and Wisconsin. The populations are fragmented and restricted to short stream reaches. It has an elongate, arcuate, and compressed shell with a concave ventral margin that can grow up to nine inches long. The outside of the shell is dark brown to black and rayless. The pseudocardinal teeth are poorly developed, lateral teeth are absent, and the inside of the shell is white. This species is found in large rivers, in riverine microhabitats that are sheltered from the main force of current. They are usually found in firm mud between large rocks in quiet water near the interface with swift currents. They also tend to be aggregated, particularly under slab boulders or bedrock shelves where they are protected from the current. They are also known to be essentially sessile, and may seldom, if ever, move except to burrow deeper. **Habitat for the spectaclecase is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**White wartyback:** The white wartyback is a species of freshwater mussel native to the Ohio, Cumberland, and Tennessee River systems in the eastern U.S. The mussel is yellow-green/yellow-brown in color, has a shiny and party-iridescent nacre, and a row of tubercles on one edge of the shell. This mussel is found in clean, fast-flowing water in silt-free rubble, gravel and sand bottoms of large rivers. It buries itself in sand or gravel between bedrock ledges with only the edge of its shell and feeding siphons exposed. **Habitat for the white wartyback is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

### **Snail Species**

**Anthony's riversnail:** Anthony's riversnail is a freshwater snail in the Pleuroceridae family that is native to the Tennessee River system and presently known from the extreme lower sections of only four streams (i.e., the Sequatchie and Little Sequatchie Rivers, Limestone Creek, and the Tennessee River). It has a rhomboidally ovate shell covered with an olivaceous-yellowish epidermis with two purplish bands encircling the body whorl. The body whorl is shouldered by a series of large, obtuse, and irregular tubercles, with a stained purple columellar lip above and below. Its preferred habitat appears to be larger rivers, but lower stretches of large creeks are also inhabited. It is usually found on cobble/boulder substrates in the vicinity of riffles in strongly flowing sections. **Habitat for Anthony's riversnail is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Spiny riversnail:** The spiny riversnail is a species of freshwater snail in the Pleuroceridae family, native to the Tennessee River system. It is highly variable in regard to shell morphology, but typically possesses a thick, spiny shell with a tapered, elevated spire. The whorls are somewhat convex to inflated, sutures are not impressed, and the body whorl is sculptured by wrinkled growth lines and marked by a series of spines the middle of the whorl. The periostracum is olive green to brown. Preferred habitat includes large rocks and bedrock outcrops in well-



oxygenated, shallow water with fast current. **Habitat for spiny riversnail is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

#### **Flowering Plant Species**

**Virginia spiraea:** Virginia spiraea is a shrub that has become adapted for life in the high-disturbance zone of frequently flooded stream banks and stream beds. It grows approximately 3 to 13 feet tall; has long, alternate, oblong leaves that are toothed along the edges; and produces white, showy flower clusters between May and July. It also produces clusters of small fruit pods between August and October. Its preferred habitat is rocky streams over sandstone, such as boulder stream banks, edges of waterfalls, and rock ledges. **Habitat for Virginia spiraea is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**White fringeless orchid:** The white fringeless orchid is a perennial orchid that occurs in the southeastern United States, from Texas to Virginia. It has two or sometimes three leaves on the bottom portion of its stem and produces a loose inflorescence of up to 20 showy, white flowers. The labellum lacks any fringing, and an elongated spur extends from the back of the flower and curves forward. Its preferred habitat consists of moist woodlands, riparian areas of streams, and in marshes and bogs. **Habitat for the white fringeless orchid may exist along the riparian area of the streams and wetlands within the forest on the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Northern bush-honeysuckle:** Northern bush-honeysuckle is a small shrub native to the eastern U.S., from North Dakota east to Massachusetts, and from Quebec south to Georgia and Alabama. It grows to approximately three-feet tall, and has simple, opposite leaves, two leaves per node along the stem, and toothed leaf margins. Yellow-orange, tube-like flowers bloom in late spring to early summer in a terminal cluster. Its preferred habitat is in dry, rocky, open woodland areas and thickets, forest edges, grassland, talus and rocky slopes, and disturbed habitats. Common plant communities associated with northern bush-honeysuckle include acidic-loving species such as beaked hazel, alternate-leaf dogwood, speckled alder, wintergreen, and blueberries. **Habitat for the northern bush-honeysuckle may exist along the forest edges of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Spreading false-foxglove:** Spreading false-foxglove is a species of perennial plant in the Orobanchaceae family native to the upper southeastern U.S., where it is found in Alabama, Georgia, Kentucky, and Tennessee. It grows up to four feet in height and has yellow flowers that bloom from August to October. Habitat includes steep limestone bluffs in the shade of open stands of mixed hardwoods. **Habitat for spreading false-foxglove is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Schreber's aster:** Schreber's aster is a perennial herb in the Asteraceae family that is native to the eastern U.S. and Canada. It is mostly characterized by stands of large basal leaves, coarsely-toothed and arising from long rhizomes. It has simple leaves with toothed-edges, flower heads with tubular, white, disk flowers in the center and ray flowers along the periphery, which bloom from July to September. Its preferred habitat is in damp to mesic deciduous mixed woods, most often those with maple, elms, or oaks, as well as in thickets and shaded road banks.



**Habitat for Schreber’s aster may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Mountain honeysuckle:** Mountain honeysuckle is a vine in the Caprifoliaceae family that is native to Canada and the eastern and central U.S. It is a low-growing, climbing, vine-like shrub with branches arching or twining three to ten feet from the plant. It has distinctive, red, tubular flowers with yellow stamens arranged in whorls at the end of branches; red berries are produced after flowering. The leaves are opposite and deciduous, and the uppermost pair is connate. This species is typically found in mountain woods, rocky ridge tops, and thickets, as well as along borders of bogs and seepages. **Habitat for mountain honeysuckle may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Tall larkspur:** Tall larkspur is a perennial species of flowering plant in the buttercup family that is native to the central and eastern U.S., from Missouri east to North Carolina, and from Tennessee north to Pennsylvania. The slender, hairless stem grows from two to six feet tall, and has numerous, deeply cleft leaves with three to five wedge-shaped divisions. The flowers are bilateral and in loose wand-like racemes that have four irregular, purplish-tinted petals; it blooms from July to mid-August with fruiting occurring from mid-August to mid-September. In Tennessee habitat consists primarily of Ridge and Valley cedar barrens on thin, cherty loam over limestone. It can also be found in oak-cedar woods, mixed pine-cedar woodlands, and disturbed areas (e.g., roadsides and pastures) that mimic barrens habitat. **Habitat for tall larkspur may exist within the forested and disturbed areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Fen orchid:** The fen orchid is a species of orchid in the Orchidaceae family native to Canada and the northeastern and central U.S., from the Northwest Territories to Alabama. It produces two dark-green, often glassy basal leaves and produces up to 18 small, yellowish-green flowers. The flowers have a wide, occasionally translucent labellum, narrow sepals, and tubular petals. It has a partially exposed pseudobulb at the base of its stem, which stores water. Typical habitat includes moist meadows, fens, and bogs containing high levels of calcium. **Habitat for fen orchid is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**American ginseng:** American ginseng is a herbaceous perennial plant in the ivy family (Araliaceae) that is native to much of the eastern and central U.S. and in parts of southeastern Canada. It grows six to eighteen inches tall, bears three leaves, with three to five leaflets, two to five inches long, and has an aromatic root that resembles a small parsnip that forks as it matures. Habitat includes deciduous forests of the Appalachian and Ozark regions and it is found in full shade underneath hardwoods. **Habitat for American ginseng may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Butternut:** Butternut is a large, deciduous, nut-bearing tree native to the central and eastern U.S. and southeastern Canada. It can reach approximately 100 feet in height, has grayish-brown, smoothly-ridged bark, and compound leaves with 11 to 17 long, pointed leaflets. It possesses dense, drooping catkins of flowers which protrude from the buds in autumn and lengthen in the spring. The cylindrical nut has two halves and two or four



ridges running end to end along the rough surface. Optimal growth of butternut occurs on well-drained soils of bottomlands and floodplains. It is shade-intolerant and grows best in full sunlight. **Habitat for butternut may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Small-headed rush:** Small-headed rush is an herbaceous perennial plant in the Juncaceae family native to the eastern U.S., ranging from Georgia to Quebec. It grows up to 2.5 feet tall, has a light-green to reddish green stem with one to two leaves at the base and two to three alternate leaves along the central stem. The leaf sheaths are light green to reddish green and hairless. The central stem terminates in either a simple or compound panicle of clustered flowers. Habitat includes calcareous seeps, wet meadows in fens, and wet bluffs. **Habitat for small-headed rush is not present at the project site; therefore, S&ME does not anticipate impacts to this species resulting from development.**

**Nuttall's waterweed:** Nuttall's waterweed is a perennial aquatic plant in the Hydrocharitaceae family native to the U.S. It was introduced as an aquarium plant into Europe where it is considered an invasive weed. This species is a submerged-root aquatic plant and is dioecious with floating flowers and rooting at nodes. The stems are long and slender, often freely branches with pale green, narrowly lanceolate leaves. The flower is small and no more than eight millimeters across, waxy white, with three petals and three sepals. This species has been found growing in a wide range of water bodies, including along the shorelines of lakes, reservoirs, and ponds, in rivers and streams, and also in wetlands, canals, and ditches. **Habitat for Nuttall's waterweed is present within the pond located on the southwestern corner of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**River bulrush:** River bulrush is a species of flowering plant in the sedge family (Cyperaceae) native to most of the northern U.S., extending as far north as Canada and as far south as Alabama. This species has a loose cluster of spikes at the top of the stem with four to 12 branches, with one to eight stalkless spikelets (often two or three) at the branch tip. A papery sheath surrounds the base of each branch. Florets are perfect and have a three-parted style subtended by a single scale. The leaves are alternate and flat to V-shaped in the cross-section. Habitat includes lake shores, ponds, river banks, marshes, and moist swales. **Habitat for river bulrush is present within the pond located on the southwestern corner of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Mountain witch-alder:** Mountain witch-alder is a deciduous shrub that grows up to 21 feet tall, is densely-branched, has wide, leathery leaves with blunt teeth on the upper 2/3 of the leaf margin, and white flowers with showy, white stamens and no petals. It is native to the southeastern United States and occurs in mixed hardwood-pine forests on dry, rocky slopes and bluffs, and moist forests. **Habitat for mountain witch-alder may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Tuberclad rein-orchid:** Tuberclad rein-orchid is a species of Orchid in the Orchidaceae family native to the eastern U.S., ranging from Georgia northwest to Arkansas and north to Minnesota and Nova Scotia. It is a perennial herb with an erect, hairless stem, two to five leaves per stem, and a flower cluster on a narrow spike at



the top of the stem with 15 to 40 closely packed, pale green or yellowish-green flowers. The 0.25-inch-wide flowers have similar sepals and petals, and the upper sepal and two lateral petals overlap to form a hood over the top of the flower; the species blooms between May and September. Habitat includes moist or wet meadows, the margins of shallow, marshy lakes, and swamps and floodplains. **Habitat for tubercled rein-orchid is present within the wetlands and ponds on the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Heller's catfoot:** Heller's catfoot (also known as rabbit tobacco or Heller's cudweed) is an annual species in the sunflower family (Asteraceae) native to the southeastern U.S. This species has alternate leaves that are whitish below and dark green above. The stems are green and glandular, and the white flowers are produced in heads. Habitat includes dry, sandy woods and woodland edges. **Habitat for Heller's catfoot may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Branching whitlow-grass:** Branching whitlow-grass is a species of plant in the mustard family (Brassicaceae) native to the Appalachian Mountains, the Kentucky River Palisades, and Middle Tennessee. It is a small perennial herb that grows up to 20 inches tall and has racemes of white flowers in the spring (April through June). Habitat includes limestone cliffs and outcrops, shale barrens, and rocky, wooded areas. **Habitat for branching whitlow-grass may exist within the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Earleaved false-foxglove:** Earleaved false-foxglove is a species of flowering plant in the broomrape family (Orbanchaceae) native to the eastern U.S., from New Jersey west to Minnesota, and throughout most southern states. It is a hairy annual herb producing a stiff stem up to 35 inches tall, with oppositely-arranged leaves, and hairy stems. The flowers are purple, have five clefts with two smaller upper lobes that are more united than the three lower ones, and purple-spotted throats; this species blooms in July and September. Habitat includes upland barrens. **No barrens or glades were observed within the project site; therefore, habitat for earleaved false-foxglove is not present, and S&ME does not anticipate impacts to this species resulting from development.**

**Naked-stem sunflower:** Naked-stem sunflower is a species in the Asteraceae family native to the eastern and central U.S. This perennial plant grows approximately two to five feet tall, produces one to several yellow flower heads, each with eight to 14 ray florets surrounding more than 50-disc florets. The basal leaves form a rosette structure and the stem shoots up from the middle of it. This species can be easily identified through its lack of leaves all the way up the stalk. Habitat includes limestone glades and barrens. **No barrens or glades were observed within the project site; therefore, habitat for naked-stem sunflower is not present, and S&ME does not anticipate impacts to this species resulting from development.**

**Slender blazing-star:** Slender or cylindrical blazing-star is an herbaceous perennial plant in the Asteraceae family native to eastern North America, ranging from Ontario south to Alabama. This species has hairless stems approximately eight to 24 inches tall. A single flower head or a loose to dense cluster of two to 28 flower heads grows at the top of the head; each flower head has 10 to 35 florets and is stemless or has a stem less than 0.5 inches long that orients the head upwards. The flowers bloom from July to September. Habitat includes full sun,



poor soil, and dry conditions, typically in barrens in Tennessee. **No barrens or glades were observed within the project site; therefore, habitat for slender blazing-star is not present, and S&ME does not anticipate impacts to this species resulting from development.**

**Prairie goldenrod:** Prairie goldenrod is a perennial herb native to the eastern U.S., from Montana east to Massachusetts, and from Quebec south to Georgia. It can reach approximately 30-inches high and has clustered stems on a woody-thickened, branched rootcrown. The entire leaves located at the base of the plant are lance-shaped and up to eight-inches long; the leaves on the upper stem are shorter, strap-shaped, and lack petioles. The three to sixty flower heads have an open, flat-topped inflorescence of white; it typically blooms July through September. The prairie goldenrod differs from others *Solidago* species in that it has white flowers and resembles an aster. Its preferred habitat is in dry, calcareous prairies, cliffs and river shores, and open woods, often on high-pH substrate. **No barrens or glades were observed within the project site; therefore, habitat for prairie goldenrod is not present, and S&ME does not anticipate impacts to this species resulting from development.**

**Shining ladies' tresses:** Shining ladies' tresses is a species in the orchid family (Orchidaceae) native to the eastern U.S., from Nova Scotia to northeastern Wisconsin, south to Missouri, and east to Virginia. It is a perennial plant that grows up to 15 inches tall, has three to four basal leaves, and produces white, flowers with a prominent brilliant yellow lip. This species blooms between May and August. Habitat includes alluvial woods and moist slopes. **Habitat for shining ladies' tresses may exist within the forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

#### **Reptile Species**

**Northern pinesnake:** The northern pine snake is a large snake that can reach a length of 66 inches. They are white, yellow, or light gray with dark blotches on the back and sides that become lighter toward the tail and darker toward the head. Their range consists of primarily the southeastern US with patchy distribution. They prefer areas with open, well-drained, sandy soils within an open pine canopy and herbaceous understory. Areas with infertile sandy soil provide important habitat for construction of dens and hibernacula. It is a burrowing snake that spends most of its time underground, with activity at its highest from May to October. Its population decline is due to habitat degradation. **Habitat for northern pinesnake may exist within the pine-forested areas of the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Eastern slender glass lizard:** The eastern slender glass lizard is native to the southeast region and is the only legless lizard found in Tennessee. Glass lizards are long, slender, legless lizards that superficially resemble snakes, and they are distinguished from snakes by having movable eyelids, external ears, and small scales on the belly. The body is brownish or tan and narrow, dark, longitudinal stripes run down the sides, above and below the lateral groove, from head to tail. Habitat includes dry, open grasslands or woodlands, and it is typically found in dried grass or burrows, and occasionally in vacant lots and farms. **Habitat for eastern slender glass lizard may exist within the site; therefore, impacts to this species resulting from development cannot be ruled out.**



**Bird Species**

**Bachman’s sparrow:** The Bachman’s sparrow is five and one-half inches long with a conical bill and pale lower mandible. The crown is brown, and the face is pale with a brown streak extending behind the eye. This sparrow has a gray back, a long brown tail, and wings with brown streaks. It is a shy and secretive bird that builds its nest on the ground in clumps of grass or at the bases of bushes. **Habitat for Bachman’s sparrow may exist within the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Cerulean warbler:** The cerulean warbler is a small and compact species of warbler in the Parulidae family that is native to the southeast, migrating from as far south as South America up to the Great Lakes. The males are sky-blue above with two white-wing bars, dark streaking on the back, a thin blue neck band, and blue streaking on the sides of their white belly. Females are bluish green above with a slight yellow wash below; females also have a whitish eyebrow and two white wingbars. This species breeds in older deciduous forests with an open understory. **Habitat for cerulean warbler may exist within the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Swainson’s warbler:** Swainson’s warbler is a small species of warbler in the Parulidae family that is native to the southeast, migrating from as far south as Mexico up to Kentucky and West Virginia. These birds are small and rather nondescript, with a nine-inch wingspan, and an olive-brown upper body and pale yellow-white underbelly. They have a whitish eyebrow stripe above their eye, and the top of the head is rusty-brown. This species breeds in forests with a well-developed understory, especially bottomland hardwood forest and moist mountain ravines. **Habitat for Swainson’s warbler may exist within the site; therefore, impacts to this species resulting from development cannot be ruled out.**

**Heron rookery:** A heron rookery is a communal nesting ground for blue herons, consisting of anywhere from just a few nests to hundreds of nesting pairs in a relatively small area. In the rookery, each nest is typically independent, with parent birds caring for only their nestlings. However, the proximity of the adult birds allows for more protections, including predators being spotted more quickly, and the ability of multiple adult birds to defend the nesting area if necessary. Most rookeries are found in wetland areas or near large water bodies, in large trees or groups of trees. **No rookeries were observed within the project site; therefore, the project is unlikely to disturb nesting herons.**

**Bald eagle:** The bald eagle is a large raptor with a wingspan of approximately seven feet. The adults have a dark brown body and wings, white head and tail, and a yellow beak. Their natural range covers most of North America, including most of Canada, the continental United States, and northern Mexico. Adults typically nest in old-growth and mature stands of coniferous or hardwood trees. **S&ME reviewed the USFWS Tennessee Ecological Services Field Office Bald Eagle Nest Map on April 26, 2021, and no bald eagle nests are documented within 660 feet of the project site. However, S&ME was informed by multiple entities familiar with the K-25 plant and the project site that a bald eagle nest was historically located on Duct Island, near the southwestern area of the evaluation boundary and adjacent to the Clinch River and the Poplar Creek embayment. The current property owner representative for Duct Island said that the trees containing the eagle nest had fallen many years ago and no eagles have been observed since. S&ME did not locate any new nests or observe any**





**eagle activity during the April 2021 site visits. Therefore, the project is unlikely to disturb nesting bald eagles.**

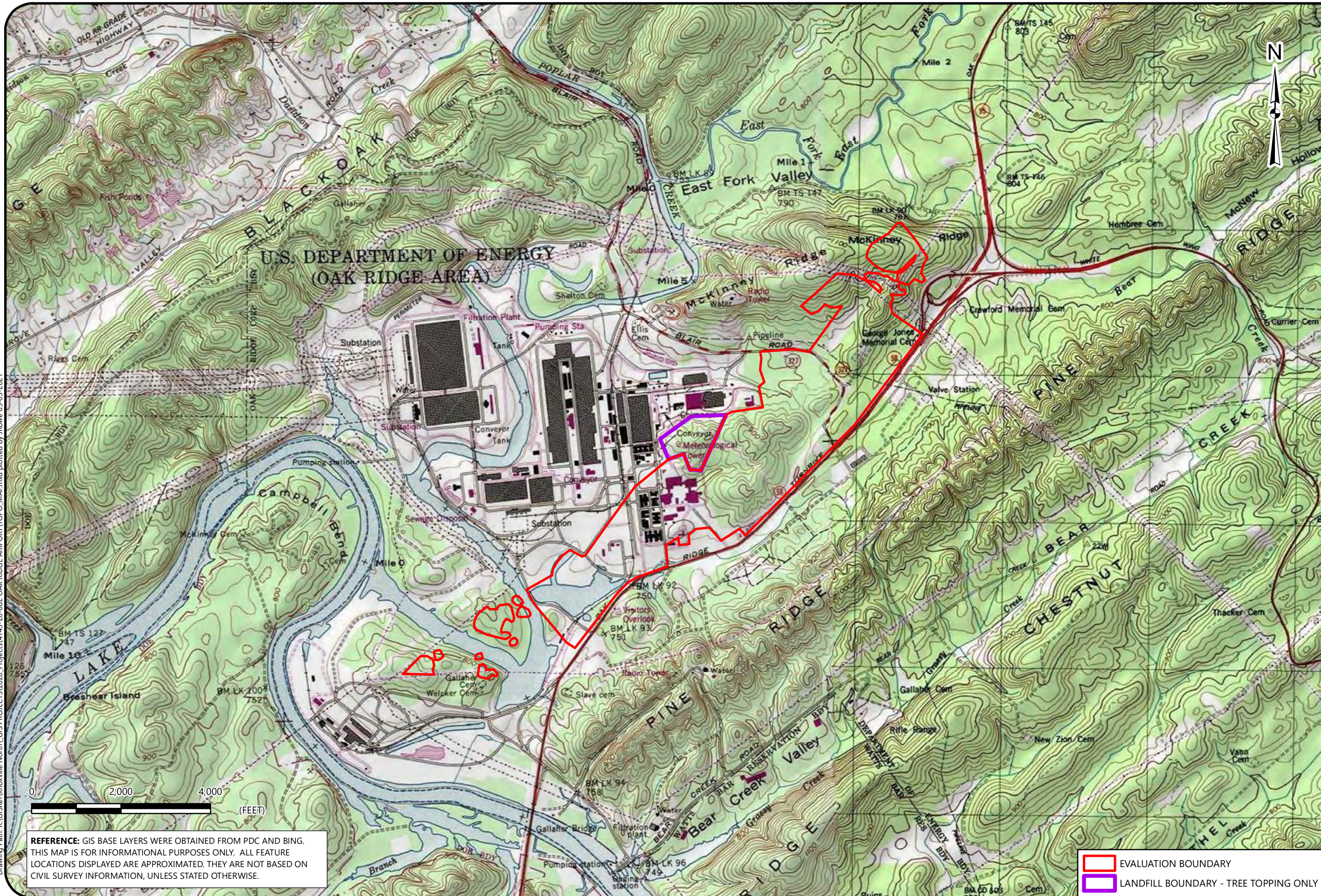
## **4.0 Conclusion**

S&ME completed a pedestrian review of the project area in April 2021 and identified appropriate habitat for multiple state- and federally-listed species. Therefore, S&ME requests comments from USFWS, TWRA, and TDNA regarding the listed species and the potential impacts due to development of the property. If you have any questions regarding this report, please call Sarah Rowe at (865)970-0003 or contact via email at [srowe@smeinc.com](mailto:srowe@smeinc.com).

## Appendices

## **Appendix I–Figures**

Drawing Path: R:\GISRefr\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\TOPO.MAP.mxd plotted by jRowe 05-05-2021



USGS TOPOGRAPHIC MAP

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

SCALE:  
1" = 2,000'  
DATE:  
5-5-2021  
PROJECT NUMBER  
4143-20-082  
FIGURE NO.

1

REFERENCE: GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

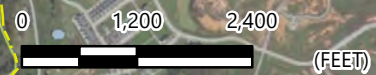
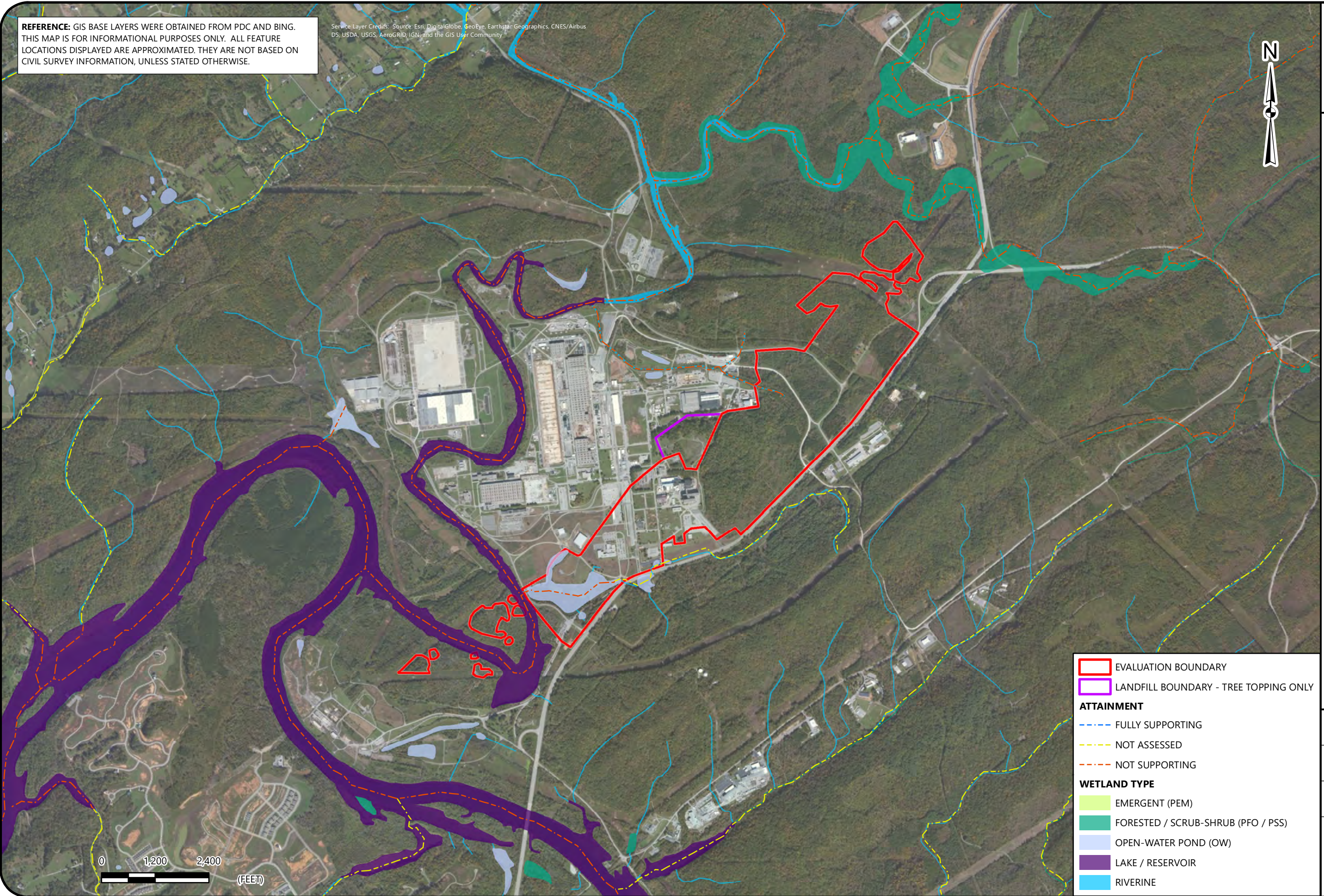
EVALUATION BOUNDARY  
LANDFILL BOUNDARY - TREE TOPPING ONLY

**REFERENCE:** GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Drawing Path: R:\GISRe\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\DATABASE\_MAP.mxd plotted by JRowe 05-05-2021



	EVALUATION BOUNDARY
	LANDFILL BOUNDARY - TREE TOPPING ONLY
<b>ATTAINMENT</b>	
	FULLY SUPPORTING
	NOT ASSESSED
	NOT SUPPORTING
<b>WETLAND TYPE</b>	
	EMERGENT (PEM)
	FORESTED / SCRUB-SHRUB (PFO / PSS)
	OPEN-WATER POND (OW)
	LAKE / RESERVOIR
	RIVERINE

**DATABASE REVIEW MAP**

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

SCALE:  
1" = 2,000'

DATE:  
5-5-2021

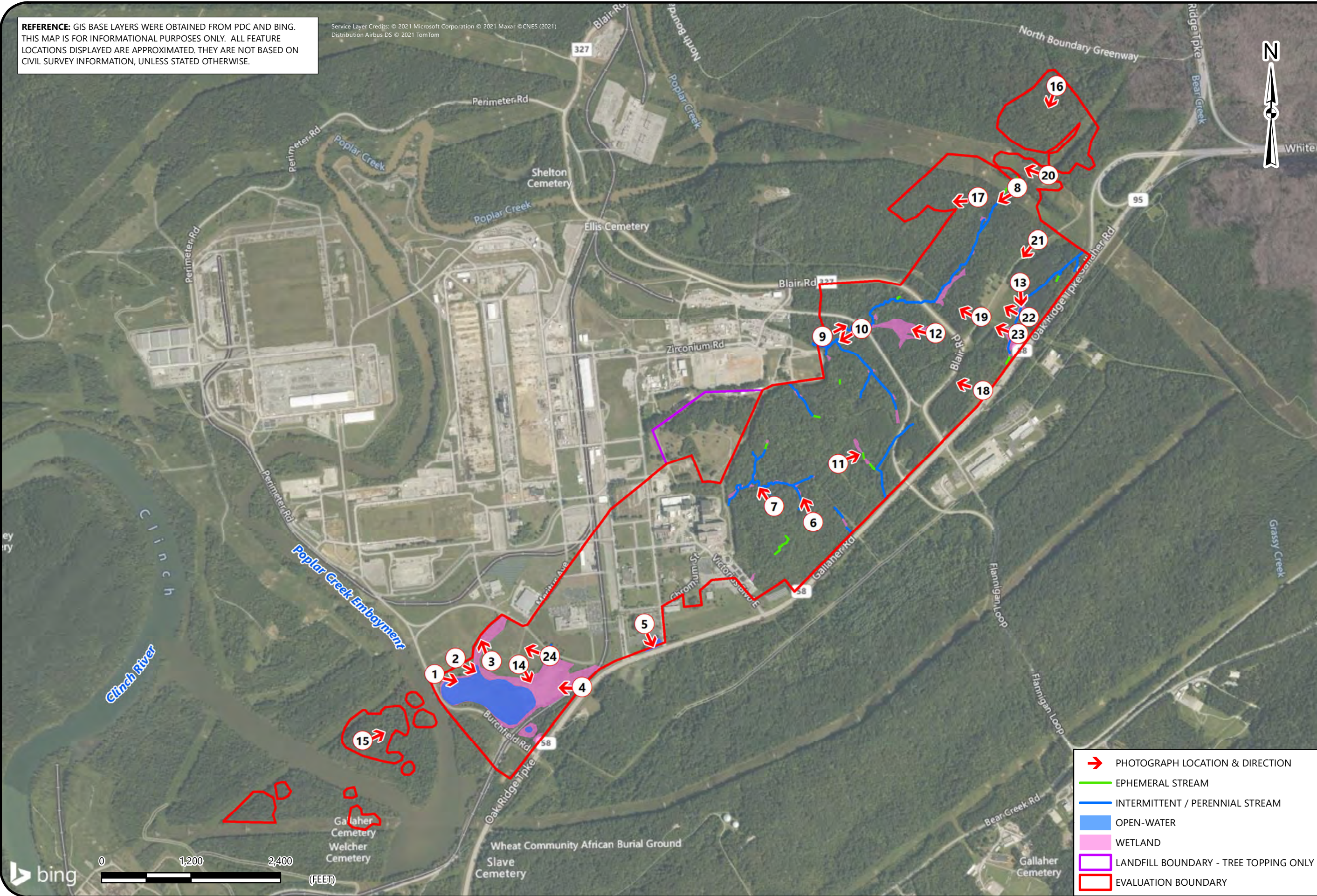
PROJECT NUMBER  
4143-20-082

FIGURE NO.

**2**

**REFERENCE:** GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING.  
THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE  
LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON  
CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Service Layer Credits: © 2021 Microsoft Corporation © 2021 Maxar © CNES (2021)  
Distribution Airbus DS © 2021 TomTom



**PHOTOGRAPH LOCATION MAP**

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

SCALE:  
1" = 1,200'

DATE:  
5-10-2021

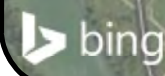
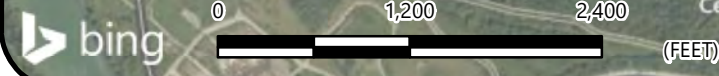
PROJECT NUMBER  
4143-20-082

FIGURE NO.

**3**

- PHOTOGRAPH LOCATION & DIRECTION
- EPHEMERAL STREAM
- INTERMITTENT / PERENNIAL STREAM
- OPEN-WATER
- WETLAND
- LANDFILL BOUNDARY - TREE TOPPING ONLY
- EVALUATION BOUNDARY

Drawing Path: R:\GIS\Ref\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\T&E\_MAP.mxd plotted by: Srowe 05-10-2021




**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**


Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

Page 1



		Date: 4/6/2021
		Photographer: S. Rowe
<b>1</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Open-water emergent habitat in the southwestern pond.

		Date: 4/6/2021
		Photographer: S. Rowe
<b>2</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Open-water emergent habitat in the southwestern pond.

**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

Page 2



<b>3</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Photographer: S. Rowe	Date: 4/6/2021
	<b>Remarks</b>	Multiple beaver dams were observed in the southwestern pond, impounding flow.		

<b>4</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Photographer: S. Rowe	Date: 4/6/2021
	<b>Remarks</b>	Open-water emergent habitat where beaver, fish, turtles, and multiple birds were observed.		




**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

Page 3



		Date: 4/6/2021
		Photographer: S. Rowe
<b>5</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Open-water pond and lawn space adjacent to Oak Ridge Turnpike.

		Date: 4/6/2021
		Photographer: S. Rowe
<b>6</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Typical intermittent stream located within the evaluation boundary.

**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
 Page 4



<b>7</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021
	<b>Remarks</b>	Typical intermittent stream located within the evaluation boundary.	



<b>8</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021
	<b>Remarks</b>	Spring-fed, perennial stream origin located in the wooded, northeastern corner of the property.	



**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**


Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

Page 5



<b>9</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Perennial stream that traverses much of the property.



Date: 4/6/2021

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Photographer: S. Rowe

<b>10</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Perennial stream that traverses much of the property.



Date: 4/6/2021

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Photographer: S. Rowe

**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

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<b>11</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021
	<b>Remarks</b>	Typical forested wetland at the site.	



<b>12</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021
	<b>Remarks</b>	Typical forested wetland at the site.	



**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
 Page 7



<b>13</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021
	<b>Remarks</b>	Typical scrub-shrub wetland at the site.	



<b>14</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021
	<b>Remarks</b>	Emergent fringe wetland located along the open-water pond on the southwestern corner of the site.	



**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
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<b>15</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Typical oak-hickory-beech forest on the areas proposed for tree clearing.

Date: 4/6/2021	Photographer: S. Rowe
	

<b>16</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Typical oak-hickory-beech forest on the areas proposed for tree clearing.

Date: 4/6/2021	Photographer: S. Rowe
	

**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
 Page 9



<b>17</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Typical oak-hickory-beech forest located on the site.

	Date: 4/6/2021
Photographer: S. Rowe	

<b>18</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	Thick pine forest is present on some areas of the site.

	Date: 4/6/2021
Photographer: S. Rowe	

**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

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<b>19</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021  Photographer: S. Rowe
	<b>Remarks</b>	Mowed utility easements cross multiple areas of the site.	

<b>20</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021  Photographer: S. Rowe
	<b>Remarks</b>	One of the wide transmission powerline easements located on the property.	



**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
 Page 11




<b>21</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021  Photographer: S. Rowe
	<b>Remarks</b>	One of the gravel roadways that crosses the northeastern portion of the site.	

<b>22</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.	Date: 4/6/2021  Photographer: S. Rowe
	<b>Remarks</b>	Thicket conditions are present in some previously-cleared areas.	

**Figure 4 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
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		Date: 4/6/2021
		Photographer: S. Rowe
<b>23</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	One of the natural gas-line easements that traverses the site that provides meadow habitat.

		Date: 4/6/2021
		Photographer: S. Rowe
<b>24</b>	<b>Location / Orientation</b>	Refer to Figure 3 – Photograph Location Map.
	<b>Remarks</b>	A meadow/thicket is adjacent to the southwestern pond where there was prior development.

## **Appendix II – Agency Coordination Letters**

**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



**Species Conclusions Table (May 7, 2021)**

Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Gray bat	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Indiana bat	Potential habitat present and no current survey conducted.	Federal Endangered	May affect but not likely to adversely affect.	The project site is not located within a known range of habitat for the Indiana bat. Therefore, S&ME understands that tree clearing for the project may affect but is not likely to adversely affect Indiana bat and should not be restricted.
Northern long-eared bat	Potential habitat present and no current survey conducted.	Federal Threatened	May affect but not likely to adversely affect.	According to the NLEB Final 4(d) Rule, since the site is not located within 150 feet of a known NLEB maternity roost tree or within 0.25 miles of a known NLEB hibernaculum, incidental take of NLEB via tree clearing or structure removal is not prohibited.
Southern bog lemming	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Long-tailed shrew	No suitable habitat present.	State Deemed in Need of Management	No effect.	Habitat assessment indicated no potential habitat present.
Slender chub	No suitable habitat present.	Federal Threatened	No effect.	Habitat assessment indicated no potential habitat present.
Spotfin chub	No suitable habitat present.	Federal Threatened	No effect.	Habitat assessment indicated no potential habitat present.

**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Yellowfin madtom	No suitable habitat present.	Federal Threatened	No effect.	Habitat assessment indicated no potential habitat present.
Tangerine darter	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Tennessee dace	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Flame chub	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Valley flame crayfish	Potential habitat present and no current survey conducted.	State Endangered	May affect.	Habitat assessment indicated potential habitat present.
Hellbender	No suitable habitat present.	State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Four-toed salamander	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Green salamander	Potential habitat present and no current survey conducted.	Rare, Not State Listed	May affect.	Habitat assessment indicated potential habitat present.
Alabama lampmussel	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.

**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082



Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Cracking Pearlymussel	No suitable habitat present.	Federal Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Dromedary pearlymussel	No suitable habitat present.	Federal Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Fanshell	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Finerayed pigtoe	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Orangefoot pimpleback	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Pink mucket	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Pyramid pigtoe	No suitable habitat present.	State Rare, Not Listed	No effect.	Habitat assessment indicated no potential habitat present.
Ring pink	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Rough pigtoe	No suitable habitat present.	Federal Endangered	No effect.	Habitat assessment indicated no potential habitat present.

**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Rough Rabbitsfoot	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Sheepnose mussel	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Shiny pigtoe	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Spectaclecase	No suitable habitat present.	Federal & State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
White wartyback	No suitable habitat present.	Federal Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Anthony's riversnail	No suitable habitat present.	Federal Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Spiny riversnail	No suitable habitat present.	State Rare, Not State Listed	No effect.	Habitat assessment indicated no potential habitat present.
Virginia spiraea	No suitable habitat present.	Federal Threatened	No effect.	Habitat assessment indicated no potential habitat present.
White fringeless orchid	Potential habitat present and no current survey conducted.	Federal Threatened	May affect.	Habitat assessment indicated potential habitat present.

**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Northern bush-honeysuckle	Potential habitat present and no current survey conducted.	State Threatened	May affect.	Habitat assessment indicated potential habitat present.
Spreading false-foxglove	No suitable habitat present.	State Special Concern	No effect.	Habitat assessment indicated no potential habitat present.
Schreber's aster	Potential habitat present and no current survey conducted.	State Special Concern	May affect.	Habitat assessment indicated potential habitat present.
Mountain honeysuckle	Potential habitat present and no current survey conducted.	State Special Concern	May affect.	Habitat assessment indicated potential habitat present.
Tall larkspur	Potential habitat present and no current survey conducted.	State Endangered	May affect.	Habitat assessment indicated potential habitat present.
Fen orchid	No suitable habitat present.	State Threatened	No effect.	Habitat assessment indicated no potential habitat present.
American ginseng	Potential habitat present and no current survey conducted.	State Listed Special Concern	May affect.	Habitat assessment indicated potential habitat present.
Butternut	Potential habitat present and no current survey conducted.	State Threatened	May affect.	Habitat assessment indicated potential habitat present.
Small-headed rush	No suitable habitat present.	State Special Concern	No effect.	Habitat assessment indicated no potential habitat present.



**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Nuttall's waterweed	Potential habitat present and no current survey conducted.	State Special Concern	May affect.	Habitat assessment indicated potential habitat present.
River bulrush	Potential habitat present and no current survey conducted.	State Special Concern	May affect.	Habitat assessment indicated potential habitat present.
Mountain witch-alder	Potential habitat present and no current survey conducted.	State Threatened	May affect.	Habitat assessment indicated potential habitat present.
Tuberclad rein-orchid	Potential habitat present and no current survey conducted.	State Threatened	May affect.	Habitat assessment indicated potential habitat present.
Heller's catfoot	Potential habitat present and no current survey conducted.	State Special Concern	May affect.	Habitat assessment indicated potential habitat present.
Branching whitlow-grass	Potential habitat present and no current survey conducted.	State Special Concern	May affect.	Habitat assessment indicated potential habitat present.
Earleaved false-foxglove	No suitable habitat present.	State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Naked-stem sunflower	No suitable habitat present.	State Special Concern	No effect.	Habitat assessment indicated no potential habitat present.
Slender blazing-star	No suitable habitat present.	State Threatened	No effect.	Habitat assessment indicated no potential habitat present.

**Threatened and Endangered Species**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



Species / Resource Name	Conclusion	Protection Status	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Prairie goldenrod	No suitable habitat present.	State Endangered	No effect.	Habitat assessment indicated no potential habitat present.
Shining ladies' tresses	Potential habitat present and no current survey conducted.	State Threatened	May affect.	Habitat assessment indicated potential habitat present.
Northern pinesnake	Potential habitat present and no current survey conducted.	State Threatened	May affect.	Habitat assessment indicated potential habitat present.
Eastern slender glass lizard	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Bachman's sparrow	Potential habitat present and no current survey conducted.	State Endangered	May affect.	Habitat assessment indicated potential habitat present.
Cerulean warbler	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Swainson's warbler	Potential habitat present and no current survey conducted.	State Deemed in Need of Management	May affect.	Habitat assessment indicated potential habitat present.
Heron rookery	No rookeries present.	Rare, Not State Listed	No effect.	Habitat assessment indicated no rookeries present.
Eagle Act Determination	Unlikely to disturb nesting bald eagles.	The Bald & Golden Eagle Protection Act (1940)	No Eagle Act permit required.	No nests within 660 feet.



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Tennessee Ecological Services Field Office  
446 Neal Street  
Cookeville, TN 38501-4027  
Phone: (931) 528-6481 Fax: (931) 528-7075

In Reply Refer To:  
Consultation Code: 04ET1000-2021-SLI-0608  
Event Code: 04ET1000-2021-E-01337  
Project Name: Oak Ridge Airport

March 29, 2021

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
  - USFWS National Wildlife Refuges and Fish Hatcheries
  - Migratory Birds
  - Wetlands
-

## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Tennessee Ecological Services Field Office**

446 Neal Street

Cookeville, TN 38501-4027

(931) 528-6481

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## Project Summary

Consultation Code: 04ET1000-2021-SLI-0608

Event Code: 04ET1000-2021-E-01337

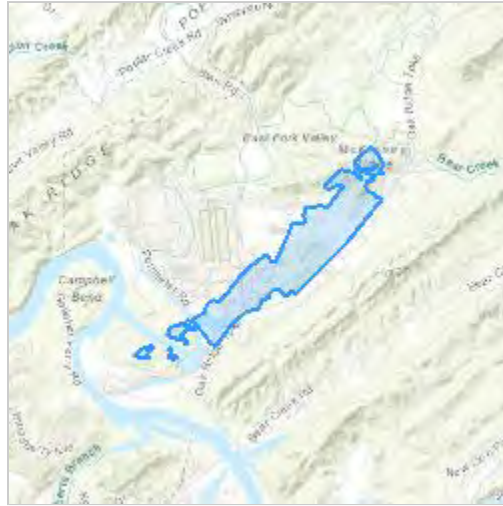
Project Name: Oak Ridge Airport

Project Type: TRANSPORTATION

Project Description: A new airport is proposed for the site.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@35.93383115,-84.37864326938221,14z>



Counties: Roane County, Tennessee

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## Endangered Species Act Species

There is a total of 24 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## Mammals

NAME	STATUS
Gray Bat <i>Myotis grisescens</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6329">https://ecos.fws.gov/ecp/species/6329</a>	Endangered
Indiana Bat <i>Myotis sodalis</i> There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. Species profile: <a href="https://ecos.fws.gov/ecp/species/5949">https://ecos.fws.gov/ecp/species/5949</a>	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Threatened

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## Fishes

NAME	STATUS
<p>Slender Chub <i>Erimystax cahni</i></p> <p>There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.            Species profile: <a href="https://ecos.fws.gov/ecp/species/6637">https://ecos.fws.gov/ecp/species/6637</a></p>	Threatened
<p>Spotfin Chub <i>Erimonax monachus</i></p> <p>Population: Wherever found, except where listed as an experimental population            There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.            Species profile: <a href="https://ecos.fws.gov/ecp/species/1521">https://ecos.fws.gov/ecp/species/1521</a></p>	Threatened
<p>Yellowfin Madtom <i>Noturus flavipinnis</i></p> <p>Population: Wherever found, except where listed as an experimental population            There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.            Species profile: <a href="https://ecos.fws.gov/ecp/species/8565">https://ecos.fws.gov/ecp/species/8565</a></p>	Threatened



## Clams

NAME	STATUS
Alabama Lampmussel <i>Lampsilis virescens</i> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/916">https://ecos.fws.gov/ecp/species/916</a>	Endangered
Birdwing Pearlymussel <i>Lemiox rimosus</i> Population: U.S.A. (TN - specified portions of the French Broad and Holston Rivers; see 17.85(b)(1)) No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6636">https://ecos.fws.gov/ecp/species/6636</a>	Experimental Population, Non-Essential
Cracking Pearlymussel <i>Hemistena lata</i> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4130">https://ecos.fws.gov/ecp/species/4130</a>	Endangered
Dromedary Pearlymussel <i>Dromus dromas</i> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6377">https://ecos.fws.gov/ecp/species/6377</a>	Endangered
Fanshell <i>Cyprogenia stegaria</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4822">https://ecos.fws.gov/ecp/species/4822</a>	Endangered
Finerayed Pigtoe <i>Fusconaia cuneolus</i> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/3038">https://ecos.fws.gov/ecp/species/3038</a>	Endangered
Orangefoot Pimpleback (pearlymussel) <i>Plethobasus cooperianus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1132">https://ecos.fws.gov/ecp/species/1132</a>	Endangered
Pink Mucket (pearlymussel) <i>Lampsilis abrupta</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7829">https://ecos.fws.gov/ecp/species/7829</a>	Endangered
Ring Pink (mussel) <i>Obovaria retusa</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4128">https://ecos.fws.gov/ecp/species/4128</a>	Endangered
Rough Pigtoe <i>Pleurobema plenum</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6894">https://ecos.fws.gov/ecp/species/6894</a>	Endangered
Rough Rabbitsfoot <i>Quadrula cylindrica strigillata</i> There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. Species profile: <a href="https://ecos.fws.gov/ecp/species/5629">https://ecos.fws.gov/ecp/species/5629</a>	Endangered
Sheepnose Mussel <i>Plethobasus cyphus</i>	Endangered

NAME	STATUS
No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6903">https://ecos.fws.gov/ecp/species/6903</a>	
<b>Shiny Pigtoe <i>Fusconaia cor</i></b> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/2573">https://ecos.fws.gov/ecp/species/2573</a>	Endangered
<b>Spectaclecase (mussel) <i>Cumberlandia monodonta</i></b> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7867">https://ecos.fws.gov/ecp/species/7867</a>	Endangered
<b>White Wartyback (pearlymussel) <i>Plethobasus cicatricosus</i></b> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/2549">https://ecos.fws.gov/ecp/species/2549</a>	Endangered

## Snails

NAME	STATUS
<b>Anthony's Riversnail <i>Athearnia anthonyi</i></b> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4827">https://ecos.fws.gov/ecp/species/4827</a>	Endangered

## Flowering Plants

NAME	STATUS
<b>Virginia Spiraea <i>Spiraea virginiana</i></b> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1728">https://ecos.fws.gov/ecp/species/1728</a>	Threatened
<b>White Fringeless Orchid <i>Platanthera integrilabia</i></b> Population: No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1889">https://ecos.fws.gov/ecp/species/1889</a>	Threatened

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

# USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

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## Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

- 
1. The [Migratory Birds Treaty Act](#) of 1918.
  2. The [Bald and Golden Eagle Protection Act](#) of 1940.
  3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a>	Breeds Sep 1 to Aug 31
Cerulean Warbler <i>Dendroica cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/2974">https://ecos.fws.gov/ecp/species/2974</a>	Breeds Apr 27 to Jul 20

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NAME	BREEDING SEASON
<b>Kentucky Warbler <i>Oporornis formosus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 20
<b>Prairie Warbler <i>Dendroica discolor</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
<b>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
<b>Rusty Blackbird <i>Euphagus carolinus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
<b>Wood Thrush <i>Hylocichla mustelina</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31
<b>Yellow-bellied Sapsucker <i>sphyrapicus varius</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/8792">https://ecos.fws.gov/ecp/species/8792</a>	Breeds May 10 to Jul 15

## Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is  $0.25/0.25 = 1$ ; at week 20 it is  $0.05/0.25 = 0.2$ .
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

**Breeding Season (■)**

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort (|)**

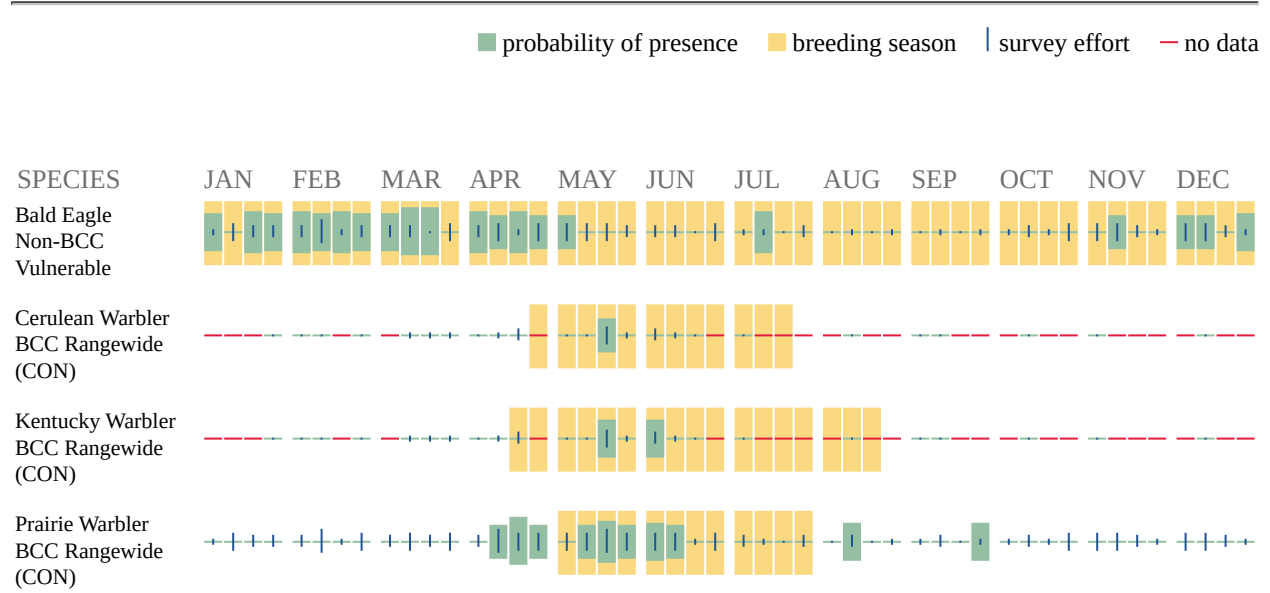
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

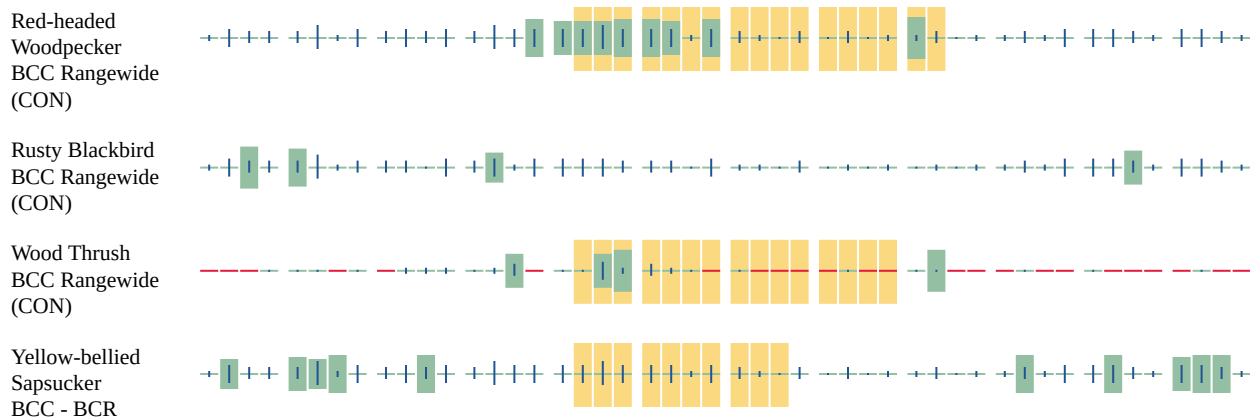
**No Data (-)**

A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

## Migratory Birds FAQ

**Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.**

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the migratory birds potentially occurring in my specified location?**

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#)

requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

### **What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

### **How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

### **What are the levels of concern for migratory birds?**

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

### **Details about birds that are potentially affected by offshore projects**

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For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

### **What if I have eagles on my list?**

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

### **Proper Interpretation and Use of Your Migratory Bird Report**

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

---

## Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

### FRESHWATER POND

- [PAB1H](#)
- [PUBHh](#)

### RIVERINE

- [R5UBH](#)

### LAKE

- [L1UBHh](#)
-



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Quad Name	Quad ID	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed. Status	State Status	Habitat	Wet Habitat Flag
BETHEL-VALLEY	3508483	Vertebrate Animal	Fish	<a href="#">Chrosomus tennesseensis</a>	Tennessee Dace	G3	S3	--	D	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.	Aquatic
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Diervilla lonicera</a>	Northern Bush-honeysuckle	G5	S2	--	T	Rocky Woodlands And Bluffs	Upland
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Obovaria retusa</a>	Ring Pink	G1	S1	LE.XN	E	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.	Aquatic
BETHEL-VALLEY	3508483	Vertebrate Animal	Fish	<a href="#">Hemitremia flammea</a>	Flame Chub	G3	S3	--	D	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	Aquatic
BETHEL-VALLEY	3508483	Vertebrate Animal	Bird	<a href="#">Peucaea aestivalis</a>	Bachman's Sparrow	G3	S1B	--	E	Dry open pine or oak woods; nests on the ground in dense cover.	Upland
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Ia fluviatilis</a>	Spiny Riversnail	G1G2	S2	--	Rare, Not State Listed	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.	Aquatic
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Aureolaria patula</a>	Spreading False-foxglove	G3	S3	--	S	Oak Woods And Edges	Upland
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Eurybia schreberi</a>	Schreber's Aster	G4	S1	--	S	Mesic Woods & Seepage Slopes	Upland
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Lonicera dioica</a>	Mountain Honeysuckle	G5	S2	--	S	Mountain Woods And Thickets	Possible
BETHEL-VALLEY	3508483	Vertebrate Animal	Mammal	<a href="#">Synaptomys cooperi</a>	Southern Bog Lemming	G5	S4	--	D	Marshy meadows, wet bays, & rich upland forests.	Possible
BETHEL-VALLEY	3508483	Vertebrate Animal	Amphibian	<a href="#">Cryptobranchus alleganiensis</a>	Hellbender	G3	S3	No Status	E	Rocky, clear creeks and rivers with large shelter rocks.	Aquatic
BETHEL-VALLEY	3508483	Vertebrate Animal	Mammal	<a href="#">Myotis grisescens</a>	Gray Myotis	G4	S2	LE	E	Cave obligate year-round; frequents forested areas; migratory.	Upland
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Plethobasus snyderi</a>	Sheepnose	G3	S2S3	LE	E	Large to medium-sized rivers, in riffles and coarse sand/gravel subst; TN & Cumb river systems incl KY Reservoir; W Uplands & Rim.	Aquatic
BETHEL-VALLEY	3508483	Vertebrate Animal	Amphibian	<a href="#">Hemidactylium scutatum</a>	Four-toed Salamander	G5	S3	--	D	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	Possible
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Lampsilis abrupta</a>	Pink Mucket	G1G2	S2	LE	E	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.	Aquatic
BETHEL-VALLEY	3508483	Vertebrate Animal	Bird	<a href="#">Setophaga cerulea</a>	Cerulean Warbler	G4	S3B	--	D	Mature deciduous forest, particularly in floodplains or mesic conditions.	Upland
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Thelidderma cylindrica strigilata</a>	Rough Rabbitsfoot	G3G4T2	S2	LE	E	Small-medium sized rivers, in clear, shallow riffles with sand-gravel substrates; Tenn. & Cumb. river systems; upland form.	Aquatic
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Delphinium exaltatum</a>	Tall Larkspur	G3	S2	--	E	Glades And Barrens	Upland
BETHEL-VALLEY	3508483	Vertebrate Animal	Reptile	<a href="#">Pituophis melanoleucus melanoleucus</a>	Northern Pinesnake	G4T4	S3	--	T	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	Upland
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Liparis loeselii</a>	Fen Orchis	G5	S1	--	T	Calcareous Seeps	Possible

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Quad Name	Quad ID	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed. Status	State Status	Habitat	Wet Habitat Flag
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Panax quinquefolius</a>	American Ginseng	G3G4	S3S4	--	S-CE	Rich Woods	Possible
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Juglans cinerea</a>	Butternut	G3	S3	--	T	Rich Woods And Hollows	Possible
BETHEL-VALLEY	3508483	Vertebrate Animal	Bird	<a href="#">Limnothlypis swainsonii</a>	Swainson's Warbler	G4	S3	--	D	Mature, rich, damp, deciduous floodplain and swamp forests.	Possible
BETHEL-VALLEY	3508483	Vertebrate Animal	Mammal	<a href="#">Sorex dispar</a>	Long-tailed Shrew	G4	S2	--	D	Mountainous, forested areas with loose talus; east Tennessee.	Upland
BETHEL-VALLEY	3508483	Animal Assemblage	No Data	<a href="#">Rookery</a>	Heron Rookery	G5	SNR	--	Rare, Not State Listed	No Data	No Data
BETHEL-VALLEY	3508483	Vertebrate Animal	Reptile	<a href="#">Ophisaurus attenuatus longicaudus</a>	Eastern Slender Glass Lizard	G5T5	S3	--	D	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	Upland
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Plethobasus cooperianus</a>	Orangefoot Pimpleback	G1	S1	LE, XN	E	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.	Aquatic
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Juncus brachycephalus</a>	Small-headed Rush	G5	S2	--	S	Seeps And Wet Bluffs	Possible
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Elodea nuttallii</a>	Nuttall's Waterweed	G5	S2	--	S	Aquatic; Streams And Ponds	Aquatic
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Bolboschoenus fluviatilis</a>	River Bulrush	G5	S1	--	S	Marshes	Possible
BETHEL-VALLEY	3508483	Invertebrate Animal	Mollusc	<a href="#">Cyprogenia stegaria</a>	Fanshell	G1	S1	LE, XN	E	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.	Aquatic
BETHEL-VALLEY	3508483	Vertebrate Animal	Amphibian	<a href="#">Aneides aeneus</a>	Green Salamander	G3G4	S3S4	--	Rare, Not State Listed	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	Upland
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Fothergilla major</a>	Mountain Witch-alder	G3	S2	--	T	Rocky Slopes And River Banks	Possible
BETHEL-VALLEY	3508483	Vascular Plant	Flowering Plant	<a href="#">Platanthera flava var. herbiola</a>	Tuberclad Rein-orchid	G4?T4Q	S2	--	T	Swamps And Floodplains	Possible

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Quad Name	Quad ID	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed. Status	State Status	Habitat	Wet Habitat Flag
ELVERTON	3508484	Invertebrate Animal	Crustacean	<a href="#">Cambarus deweesae</a>	Valley Flame Crayfish	G4	S1	--	E	Primary burrower; open areas with high water tables; northern Ridge & Valley.	Aquatic
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Pseudognaphalium helleri</a>	Heller's Catfoot	G4G5	S2	--	S	Dry Sandy Woods	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Draba ramosissima</a>	Branching Whitlow-grass	G4	S2	--	S	Calcareous Bluffs	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Agalinis auriculata</a>	Earleaved False-foxtglove	G3	S2	--	E	Barrens	Upland
ELVERTON	3508484	Invertebrate Animal	Mollusc	<a href="#">Lampsilis virescens</a>	Alabama Lamnussel	G1	S1	LE	E	Found in sand and gravel substrates in shoal areas of small-medium size rivers; middle and upper TN R system; recently rediscovered in Emory River.	Aquatic
ELVERTON	3508484	Animal Assemblage	No Data	<a href="#">Rookery</a>	Heron Rookery	G5	SNR	--	Rare, Not State Listed	No Data	No Data
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Delphinium exaltatum</a>	Tall Larkspur	G3	S2	--	E	Glades And Barrens	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Diervilla lonicera</a>	Northern Bush-honeysuckle	G5	S2	--	T	Rocky Woodlands And Bluffs	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Lonicera dioica</a>	Mountain Honeysuckle	G5	S2	--	S	Mountain Woods And Thickets	Possible
ELVERTON	3508484	Invertebrate Animal	Mollusc	<a href="#">Pleurobema rubrum</a>	Pyramid Pigtoe	G2G3	S1S2	--	Rare, Not State Listed	Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.	Aquatic
ELVERTON	3508484	Vertebrate Animal	Amphibian	<a href="#">Cryptobranchus alleganiensis</a>	Hellbender	G3	S3	No Status	E	Rocky, clear creeks and rivers with large shelter rocks.	Aquatic
ELVERTON	3508484	Invertebrate Animal	Mollusc	<a href="#">Cumberlandia monodonta</a>	Spectaclecase	G3	S2S3	LE	E	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.	Aquatic
ELVERTON	3508484	Invertebrate Animal	Mollusc	<a href="#">Fusconaia cor</a>	Shiny Pigtoe	G1	S1	LE, XN	E	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.	Aquatic
ELVERTON	3508484	Vertebrate Animal	Mammal	<a href="#">Synaptomys cooperi</a>	Southern Bog Lemming	G5	S4	--	D	Marshy meadows, wet balds, & rich upland forests.	Possible
ELVERTON	3508484	Vertebrate Animal	Amphibian	<a href="#">Aneides aeneus</a>	Green Salamander	G3G4	S3S4	--	Rare, Not State Listed	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	Upland
ELVERTON	3508484	Vertebrate Animal	Fish	<a href="#">Percina aurantiaca</a>	Tangerine Darter	G4	S3	--	D	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.	Aquatic
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Aureolaria patula</a>	Spreading False-foxtglove	G3	S3	--	S	Oak Woods And Edges	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Helianthus occidentalis</a>	Naked-stem Sunflower	G5	S2	--	S	Limestone Glades And Barrens	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<a href="#">Liatris cylindracea</a>	Slender Blazing-star	G5	S2	--	T	Barrens	Upland
ELVERTON	3508484	Invertebrate Animal	Mollusc	<a href="#">Fusconaia cuneolus</a>	Finerayed Pigtoe	G1	S1	LE, XN	E	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.	Aquatic

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Quad Name	Quad ID	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed. Status	State Status	Habitat	Wet Habitat Flag
ELVERTON	3508484	Vertebrate Animal	Mammal	<u><a href="#">Myotis grisescens</a></u>	Gray Myotis	G4	S2	LE	E	Cave obligate year-round; frequents forested areas; migratory.	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<u><a href="#">Panax quinquefolius</a></u>	American Ginseng	G3G4	S3S4	--	S-CE	Rich Woods	Possible
ELVERTON	3508484	Vascular Plant	Flowering Plant	<u><a href="#">Oligoneuron album</a></u>	Prairie Goldenrod	G5	S1S2	--	E	Barrens	Upland
ELVERTON	3508484	Vascular Plant	Flowering Plant	<u><a href="#">Spiranthes lucida</a></u>	Shining Ladies'-tresses	G4	S1S2	--	T	Alluvial Woods And Moist Slopes	Possible

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**APPENDIX B**



**Phase I Environmental Site Assessment  
Proposed Oak Ridge Airport Property  
Oak Ridge, Roane County, Tennessee  
S&ME Project No. 4143-20-082**

**PREPARED FOR:**

**Goodwyn Mills Cawood  
133 Holiday Court, Suite 102  
Franklin, Tennessee 37067**

**PREPARED BY:**

**S&ME, Inc.  
1413 Topside Road  
Louisville, TN 37777**

**May 14. 2021**





May 14, 2021

Goodwyn Mills Cawood  
133 Holiday Court, Suite 102  
Franklin, Tennessee 37067

Attention: Mr. Mark Paslick

Reference: **Phase I Environmental Site Assessment**  
Proposed Oak Ridge Airport Property  
Oak Ridge, Tennessee  
S&ME Project No. 4143-20-082

Dear Mr. Paslick:

S&ME, Inc. (S&ME) has completed the Phase I Environmental Site Assessment (ESA) for the referenced property. The attached report presents the results of S&ME's assessment of the site, which was performed in accordance with ASTM International (ASTM) E1527-13. The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental conditions in connection with the property.

ASTM E1527-13 states that an Environmental Site Assessment "meeting or exceeding" this practice and completed less than 180 days prior to the date of acquisition or intended transaction is presumed to be valid if the report is being relied on by the User for whom the assessment was originally prepared and the following components were completed: interviews, the regulatory review, site visit, and the declaration by the environmental professional responsible for the assessment.

S&ME appreciates the opportunity to provide this Phase I ESA for this project. Please contact us at (865) 970-0003 at your convenience if there are questions regarding the information contained in this report.

Sincerely,

**S&ME, Inc.**

Handwritten signature of Timothy S. Schalk in black ink.

Timothy S. Schalk  
Environmental Professional

Handwritten signature of Eric M. Solt in black ink.

Eric M. Solt, PG  
Senior Reviewer



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## ◆ Executive Summary

S&ME, Inc. (S&ME) has performed a Phase I Environmental Site Assessment (ESA) of the proposed Oak Ridge Airport property located in the East Tennessee Technology Park north of Oak Ridge Turnpike in Oak Ridge, Tennessee. The following summary is intended as an overview of the Phase I ESA and does not include the complete findings and opinions of the full report.

The subject property consists of approximately 475 acres north of Oak Ridge Turnpike. The central portion of the property is developed with the East Tennessee Technology Park. This area was previously part of the K-25 Gaseous Diffusion Plant, a United States Department of Energy uranium enrichment complex that ceased operations over 35 years ago and has been undergoing cleanup under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). With the exception of the former Centrifuge Demonstration Complex, on the east side of the Park, which is currently undergoing cleanup, the subject property has been successfully remediated and closed under the CERCLA agreements. Three office buildings (K-1000, K-1007, and K-1225) are currently located on the property. The southwest and northeast portions of the property are undeveloped woodlands. The former Wheat Community is located on the northeast portion of the subject property. No evidence of current underground storage tanks or hazardous materials was observed on the subject property.

The historical resources reviewed indicate that the property was farmland and woodlands before development of the uranium enrichment complex in the 1940s.

The subject property was identified on the regulatory databases reviewed. DOE and Tennessee Department of Environment and Conservation records have identified trichloroethylene, volatile organic compounds and semi-volatile organic compounds contamination in groundwater on the south-central portion of the subject property and east of the Centrifuge Demonstration Complex. Metals at concentrations that exceed regulatory limits were detected in soil samples northeast of the Centrifuge Demonstration Complex. The concentrations of organic chemicals in groundwater and metals in soil that exceed regulatory limits is considered to be a recognized environmental condition (REC). Additionally, the Centrifuge Demonstration Complex has not been fully characterized for environmental issues. This is a significant data gap. Regulatory soil cleanup of property adjacent to the north of the subject property continues under CERCLA. It is anticipated that current soil cleanup actions will be closed under CERCLA in 2022, and groundwater contamination will continue to be addressed under CERCLA for an indefinite period. Five offsite regulated facilities identified in the regulatory records review are more than one mile from the subject property and therefore are not considered RECs in connection with the property.

**Based on the results of this Phase I ESA, S&ME identified evidence of recognized environmental conditions (RECs) in connection with the subject property.** Based upon regulatory records, site observations, and interviews, a vapor encroachment condition exists.



## 1.0 Introduction

S&ME conducted a Phase I Environmental Site Assessment (ESA) of an approximately 475-acre portion of a property north of Oak Ridge Turnpike near the intersection of Blair Road in Oak Ridge, Tennessee. The subject property is located in and around the East Tennessee Technology Park (ETTP). The Phase I ESA was conducted using the ASTM International (ASTM) *E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

### 1.1 Purpose

The purpose of the Phase I ESA is to identify, pursuant to ASTM E1527-13, recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs) and historical recognized environmental conditions (HRECs) in connection with the property. It is S&ME's understanding that the Phase I ESA is being performed for a property transaction.

ASTM defines an REC as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

ASTM defines a CREC as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

ASTM defines a HREC as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

The terms do not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not RECs or CRECs.

### 1.2 Detailed Scope of Services

#### 1.2.1 ASTM E1527-13

S&ME's approach to performing this Phase I ESA consisted of four major tasks in accordance with ASTM Standard Practice E1527-13.



Task 1 - A review of reasonably ascertainable public records for the site and the immediate vicinity was conducted. This review was performed to characterize environmental features of the site and to identify past and present land use activities, on or in the vicinity of the site, which may indicate a potential for RECs. The review of the reasonably ascertainable public records included:

1. Examination of federal, state, tribal and reasonably ascertainable local public records for the site and immediate vicinity.
2. Examination of one or more of the following standard sources: aerial photographs, fire insurance maps, tax files, building department records, zoning/land use records, street directories and topographic maps of the site and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products.
3. Examination of land title records back to 1940, or first developed use – whichever is earlier, as well as a copy of the current deed if the documents are provided to S&ME by the Phase I ESA User.

Task 2 - A site reconnaissance was performed to identify visual signs of past or existing contamination on or adjacent to the site. This reconnaissance was also performed to evaluate evidence found in our public record review that might indicate activities resulting in hazardous substances or petroleum products being used or deposited on the site. The site reconnaissance included the following activities:

1. A reconnaissance of the site and adjacent properties was performed to look for evidence of current and past property uses, signs of spills, stressed vegetation, buried waste, underground storage tanks (USTs) or above ground storage tanks (ASTs), subsidence, transformers, or unusual soil discoloration which may indicate the possible presence of contaminants on the properties. Photographs are provided to document these conditions.
2. The exterior reconnaissance involved a viewing of the periphery of the property and a walk-through of accessible areas of the site interior including the exterior of on-site structures, if present.
3. The interior reconnaissance involved a walk-through of the interior of all accessible structures, if present.

Task 3 - Interviews with past and present property owners (if available), operators and occupants as well as with appropriate local officials were conducted to consider any local knowledge of hazardous substances or petroleum products on the property or on adjacent properties.

Task 4 - Report preparation and review.

### *1.2.2 Exclusions from and Additions to Scope of Services*

Unless specifically authorized as an addition to the Phase I ESA scope of services, the assessment did not include any assessment of environmental conditions not specifically included in the ASTM E1527-13 standard including, but not limited to sampling of materials (i.e., soil, surface water, groundwater or air), or the assessment of business risk issues such as asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water, mold, fungi or bacteria in on-site buildings, regulatory compliance, cultural/historic risks, wetlands, industrial hygiene, health/safety, ecological resources, endangered species, indoor air quality, vapor intrusion, radon or high voltage power lines.





### *1.2.3 Viability of the Phase I ESA*

ASTM E1527-13 states that an ESA “meeting or exceeding” this practice and completed less than 180 days prior to the date of acquisition or intended transaction is presumed to be valid if the report is being relied on by the user for whom the assessment was originally prepared. The components of the practice that must be completed within 180 days prior include: interviews, searches for recorded environmental cleanup liens, the regulatory review, site visit and the declaration by the environmental professional responsible for the assessment. If these components were not completed within 180 days, or if the report is to be used by an entity other than the User for whom the assessment was originally prepared, additional information is required to comply with the ASTM E1527-13 practice.

## **1.3 Significant Assumptions**

Information obtained from the User, the User’s representatives, individuals interviewed, and prior environmental reports was considered to be accurate unless S&ME’s reasonable inquiries clearly revealed otherwise.

The groundwater within the local geologic province is typically contained in an unconfined (water table) aquifer. The slope of the water table under static conditions (no pumping interference) often approximates the land surface topography. Thus, the interpreted groundwater flow direction is assumed to be approximately the same as the topography of the ground surface. Perennial surface waters (creeks, streams, rivers, ponds, etc.) are assumed to act as a discharge point for groundwater flow.

## **1.4 Limitations of the Assessment**

The Phase I ESA was conducted using ASTM E1527-13. The findings of this report are applicable and representative of conditions encountered at the property on the date of this assessment and may not represent conditions at a later date. The review of public records was limited to that information which was available to S&ME at the time this report was prepared. Interviews with local and state government authorities were limited to those people whom S&ME was able to contact during the preparation of this report. Information was derived from “reasonably ascertainable” and “practically reviewable” sources in compliance with our understanding of the standards set forth by ASTM E1527-13.

The opinions presented in this report are based on findings derived from a site reconnaissance, a review of specified regulatory records and historical sources, and comments made by interviewees. Generally, information obtained from public records and from interviews is reliable. However, S&ME cannot warrant or guarantee that information provided is complete or accurate. In the event responses requested by S&ME from public agencies are provided to S&ME following the submittal of our report, they will be forwarded to the User in the form received for evaluation by the User.

Limitations were encountered during performance of this assessment. The history of the property was not documented within approximately five-year intervals because standard historical sources were either not available or not observed at five-year intervals. This limitation is not considered significant. Additionally, the Centrifuge Demonstration Complex has not been fully characterized for environmental issues. This is a significant data gap.



## 1.5 Special Terms and Conditions

This Phase I ESA was conducted in accordance with S&ME Proposal No. 41-200385R1, dated September 8, 2020.

## 1.6 User Reliance

The resulting report is provided for the use of Goodwyn Mills Cawood (GMC). Use of this report by any third parties will be at such party’s sole risk except when granted under written permission by S&ME. Any such authorized use or reliance by third parties will be subject to the same Agreement, under which the work was conducted for GMC.

## 2.0 General Site Description

### 2.1 Site Location

The subject property consists of an approximately 475-acre property located north of Oak Ridge Highway near the intersection of Blair Road in Oak Ridge, Tennessee. The location of the subject property is shown on Figures 1 through 4 in Appendix I. Figure 1 delineates the property that will be acquired for ownership by the Oak Ridge Airport as well as property within the Area of Potential Effect (APE) of the airport that will not be acquired. According to the Roane County Property Assessors office, the subject property is owned by the US Atomic Energy Commission, Manhattan Project, LLC, Heritage Center, LLC, JMM Realty, LLC, Trinity Contracting Services Co., LLC, and Coqui Island, LLC. The parcels within the assessment area are listed below.

**Table 1 – Parcel Ownership**

DOE Property Transfer	Transfer Type	Parcel ID	Current Owner	Acreage	Comments
K-1000	Covenant Deferral	1.14	Heritage Center LLC	Approx. 3	Subdivide to include K-1000 footprint, property north of Argon St., and immediately south of Argon.
K-1007	Covenant Deferral	1.19	JMM Realty, LLC		See 1.19 below
K-1225	Covenant Deferral	1.25	JMM Realty LLC		See 1.25 below
K-1008-F footprint	Covenant Deferral	1.11	Heritage Center, LLC	0.28	Within K-1200 area. Building demolished.
ED-4	Clean Parcel Determination	1.09	Heritage Center, LLC	5.55	
		1.10	Heritage Center, LLC	6.29	
ED-5	Covenant Deferral	10.18	U.S. DOE	20.38	



ED-7	Clean Parcel Determination	10.03	Southern Appalachian Railway	1.65	Small portion, east end of parcel
ED-8	Covenant Deferral	1.12	Heritage Center, LLC	3.59	
		1.13	Heritage Center, LLC	3.65	Portion north of K-1580
		1.15	Heritage Center Greenways	11.05	
		1.19	Manhattan Project LLC	12.99	Includes K-1007 footprint
		1.25	JMM Realty LLC	4.22	Includes K-1225 footprint
		1.28	Heritage Center LLC	0.57	
		1.29	Heritage Center LLC	2.23	
ED-9	Covenant Deferral	1.17	Heritage Center LLC	7.06	
		1.18	Heritage Center, LLC	3.72	
ED-13	Clean Parcel Determination	1.44	U.S. DOE	166.34	
ED-16	Clean Parcel Determination	1.44	U.S. DOE	Included above	
Former Powerhouse, Duct Island and K-1007-P1 Area	Covenant Deferral (Not complete)	10.17	U.S. DOE	3.63	These areas are a part of the 662-acre Covenant Deferral
		K-1007-P1	U.S. DOE	22.33	
K-1006 Footprint	Covenant Deferral (Not complete)	10.29	U.S. DOE	1.19	
K-1039 & K-1039-1 footprint	Covenant Deferral (Not complete)	10.30	U. S. DOE	0.48	
Z2-44 (Area B)	Covenant Deferral (Not complete)	1.43	U.S. DOE	3.59	Portion of Z2 EU 44, adjacent to former TSCA Incinerator footprint
K-1070 C/D Burial Ground (Area B)	Covenant Deferral (Not complete)	1.43	U.S. DOE	9.43	Area east of patrol road



K-1200 Centrifuge Demonstration Complex	Covenant Deferral (Not complete)	1.43	U.S. DOE	17.86	
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**Table 2- Site Characteristics**

Item	Comments
Subject Property Address	Various Addresses within the ETPP
Subject Property Location	North of Oak Ridge Turnpike
Number of Parcels and Acreage	Entire or portions of 23 parcels containing approximately 475 acres
Number of Building(s) and Square Footage	Three buildings: K-1007: 150,000 square feet K-1000: 3,500 square feet K-1225: 30,000 square feet
Current Property Use	Office buildings, vacant parcels, and woodlands
Current Zoning	Unknown

## 2.2 Site Vicinity and Characteristics

The subject property is currently occupied by four office buildings, vacant parcels, and woodlands. Asphalt-paved roads and graveled roadways traverse the property. The surrounding properties consist of DOE owned closed former hazardous materials disposal area, DOE owned empty land and woodlands which include the Wheat Historic District and the Black Oak Ridge Conservation Easement (BORCE); privately owned empty land, office buildings, and woodlands.

## 3.0 User Provided Information

### 3.1 Title Records

The User did not provide S&ME with title records for review, and S&ME was not engaged to secure a title report as part of the Services.

### 3.2 Environmental Liens or Activity and Use Limitations

Review of Activity and Use Limitations (AULs) and environmental liens by the environmental professional can help in determining if a REC is associated with the property. AULs can include both institutional and engineering controls and are often recorded in land title records in the restrictions of record rather than a typical chain-of-title or title abstract. The User has the responsibility of checking land title and judicial (federal, state, tribal and local) records.



No lien/AUL search was provided by the User, and no information regarding environmental liens, AULs, or governmental notification relating to past or recurrent violations of environmental laws with respect to the subject parcel was reported to S&ME by the User.

### **3.3 Specialized Knowledge**

The User is aware that portions of the subject property were formerly used for uranium enrichment activities.

### **3.4 Commonly Known or Reasonably Ascertainable Information**

Covenant Deferral Request documentation, Clean Parcel Determinations, and the supporting Environmental Baseline Reports for portions of the subject property were provided to S&ME by the User. These documents support the transfer of federal land under CERCLA 120(h)(4) and are summarized in Section 3.8.

### **3.5 Valuation Reduction for Environmental Issues**

The User did not indicate whether the purchase price of the property reflects the current market value.

### **3.6 Owner, Property Manager, and Occupant Information**

According to the Roane County Property Assessors office, the property owners are the US Atomic Energy Commission, Manhattan Project, LLC, Heritage Center, LLC, JMM Realty, LLC, Trinity Contracting Services Co., LLC, and, Coqui Island, LLC.

### **3.7 Reason for Performing the Phase I ESA**

It is our understanding that the Phase I ESA is being conducted in order to facilitate a property transaction. The purpose of the Phase I ESA is to identify, pursuant to ASTM E1527-13, RECs in connection with the property. S&ME assumes that this Phase I ESA is being performed to assist the prospective purchaser in qualifying for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

Further, this Phase I ESA assesses property that will not be acquired for the airport, by will likely be impacted by the intended airport construction. The purpose of the Phase I ESA for these areas is to identify RECs for planning and executing necessary actions, such as tree removal, for airport construction.

### **3.8 Other**

Covenant Deferral Request documentation, Clean Parcel Determinations, and the supporting Environmental Baseline Reports for portions of the subject property were provided to S&ME by the User. These documents support the transfer of federal land under CERCLA 120(h)(4). Seven Environmental Baseline Surveys (EBS), summarized below, were reviewed for portions of the subject property. The referenced parcels are illustrated on Figure 3 in Appendix I.



**Parcel ED-4** is located in the southeastern portion of the ETPP. It consists of two noncontiguous tracts comprising a total of approximately 18 acres. The western tract of ED-4 encompasses approximately 8.5 acres in the northeastern quadrant of the intersection of Victorious Boulevard and Highway 58. The eastern tract encompasses an area of approximately 9.5 acres in the northwestern quadrant of the intersection of Blair Road and Oak Ridge Turnpike. Oak Ridge Turnpike bounds both tracts of land to the south. The eastern boundary of the eastern tract follows Blair Road for nearly 500 feet from its intersection with Oak Ridge Highway to the point at which Blair Road turns eastward. Aerial photographs indicate that this area has largely been undeveloped woodland since federal acquisition. Before that time, the land where ED-4 is located consisted primarily of forests and grasslands intermixed with large and small orchards, cropland, and pastures associated with the agriculturally based and no longer extant Wheat Community. No evidence was found of disposal of hazardous substances or releases of petroleum products occurring on ED-4 property. There were and are no underground storage tanks located on ED-4. No potential groundwater plume has been identified within, or in proximity to, ED-4. Additionally, the study area is upgradient of, or cross gradient to, the discharge zone for groundwater flow from ETPP. Parcel ED-4 was transferred with a Clean Parcel Determination dated May 12, 2008.

**Parcel ED-7** occupies approximately five acres. It is located outside the main protection fence in the southwestern portion of ETPP adjacent to and parallel to Oak Ridge Turnpike. The Southern Railroad tracks and Connector Road form the northern boundary, and Oak Ridge Turnpike forms the southern boundary. Burchfield Road forms the eastern boundary. Most of Parcel ED-7 is relatively flat or gently sloping to the railroad tracks along the northern border. With the exception of vegetation along the railroad tracks to the south of the parcel, it is clear of vegetation. No evidence was found of a release or disposal of hazardous substances or petroleum products or their derivatives occurring on the parcel in the documentation reviewed. There were no underground storage tanks located on the parcel. Groundwater contamination has not been identified within, or in proximity to, the Parcel ED-7. Results of radiological surveys conducted on the property showed that Parcel ED-7 had no soil areas that exceeded the clean-up levels established for the portion of the ETPP where ED-7 is located. Soil samples were collected to support leasing in December 1999, January 2000, and December 2000. In addition, soil samples were collected by the Environmental Management (EM) Program in 2005 from within the parcel. Results of the soil sampling showed that Parcel ED-7 had no soil areas that exceeded the clean-up levels established for the portion of the ETPP where ED-7 is located. ED-7 was transferred with a Clean Parcel Determination.

**Parcel ED-8** is located in the southern portion of the ETPP and contained three existing buildings (Buildings K-1007, K-1580, and K-1000). The parcel is comprised of approximately 84 acres. The southern boundary of the parcel follows along Oak Ridge Turnpike for approximately 2,250 feet and then follows the eastern bank of the K-1007 pond to the boundary with Parcel ED-5. The northern boundary of the parcel steps around and south of the former Building K-1652, along the periphery of other features and finally to its eastern border against Parcel ED-4. Based on reviews of historic maps, three former buildings (K-1047 Motor Pool Repair Shop, K-1049 Repair Shop and Parts Storage, and K-1050 Wash, Grease, and Paint Shop) were previously located in the vicinity of the current K-1007 Building. These facilities were demolished by the late 1950s and the area was maintained as a grassy field until the construction of Building K-1007 in 1960. Other former facilities on the parcel included:

- Building 665 Steam Shed—built in 1943 to clean construction vehicles, demolished in 1946.
- K-1055 Gasoline/Diesel Station—in use as early as 1944, used one UST, demolished by the 1950s.
- K-1048 Tire and Battery Shop—built in 1943, demolished by 1958.
- K-1007 Gas Tank—a 200-gallon gasoline UST for the K-1007 emergency generator. In 1986, the UST was discovered to be leaking. The UST and 14 tons of contaminated soil were removed by 1988. The



excavated area was filled and asphalt was placed on top. The tank closure was prior to external regulation; therefore, there is no correspondence with outside regulators or a closure report.

- The 600 Oil Storage Area -This facility consisted of aboveground storage tanks constructed in the early 1940s and removed by 1951.

A groundwater monitoring well is located within the ED-8 footprint approximately 250 feet north of the K-1000 Complex. This monitoring well intersects the southwestern tip of a volatile organic compound (VOC) plume and has shown contaminant concentrations in the range of 0.7 to 15 micrograms per liter ( $\mu\text{g/L}$ ) in a March 2007 sampling event. The VOCs tetrachloroethene (PCE) and trichloroethylene (TCE) occurred above a federal drinking water maximum contaminant level (MCL) and TDEC domestic water supply criteria in the sample collected from the well. The source of the contamination is off-parcel to the northeast. Because of the uncertainty associated with the nature of the on-site groundwater and the need to evaluate and possibly address groundwater in the future, DOE recommended that the transfer of Parcel ED-8 be achieved by a covenant deferral per the CERCLA. The recommended land use restrictions were:

- The property shall not be developed in a manner that is inconsistent with the land use assumptions of "industrial use"
- Development of the property must comply with all applicable federal, state, and local laws and regulations with respect to any present or future development of the property.
- All structures, facilities, and improvements requiring a water supply shall be required to be connected to an approved water system for any and all usage. Extraction, consumption, exposure, or use, in any way, of the groundwater underlying the property is prohibited without the prior written approval of DOE, the U.S. EPA Region 4, and TDEC.
- Disturbance of any portion of the property deeper than 10 feet bgs without the prior written approval of DOE, EPA, and TDEC is prohibited.
- DOE reserves the right of access to all portions of the property for environmental investigation, remediation, or other corrective action.

**Parcel ED-9** is located in the south-central portion of the ETPP. Parcel ED-9 consists of 13 acres which have been transferred to Heritage Center, LLC. The 13 acres include two tracts of land, referred to as ED-9A (7.06 acres) and ED-9B (5.02 acres), separated by a roadway, and a third tract consisting of approximately 900 linear feet of paved road and adjacent right-of-way (ROW), referred to as ED-9C (0.98 acre). Facilities and related structures that formerly occupied tracts ED-9A and ED-9B, but are no longer in existence, include:

- K-1002 Cafeteria K-1004-N Cooling Tower
- K-1003 Dispensary K-1004-P Test Facility
- K- 1004-A Laboratory K-1015 Laundry Facility
- K-1004-B Laboratory K-1015-A Laundry Pit
- K-1004-C Laboratory K-1019-2B Bus Shelter
- K-1004-D Laboratory K-1044 Heavy Equipment Shop
- K-1004-E Laboratory Storage Building K-1205-A Condensate Station
- K-1004-F Laboratory Storage Building K-1550 Engineering Office Trailers
- K-1004-H Liquid Gas Storage Shed
- K-1004-L Laboratory Pilot Plant



Remedial activities (RAs) performed at the K-1015-A Laundry Pit included removal of the pit and a small amount of adjacent soil. Additional RAs consisted of removal of six acid dilution pits and a small volume of soil at a pit which was located southwest of the former K-1004-A Test Facility building; removal of inlet piping to two of the six dilution pits; in-place closure of the acid dilution pit located immediately west of Bldg. K-1006; and removal of contaminated surface soils south of former Bldg. K-1004-J. Following completion of the RAs, No Further Action (NFA) decisions were obtained in 2009.

Twelve groundwater monitoring wells were installed within tracts ED-9A and ED-9B, including nine bedrock wells and three unconsolidated zone wells. Water levels in the bedrock wells ranged from 13 to 25 ft below ground surface (bgs). Shallow groundwater flow direction is anticipated to be to the south—southwest toward the K-1007-P Ponds located south—southwest of ED-9 according to the ED-9 Environmental Baseline Survey dated March 22, 2010. Groundwater samples collected from the nine bedrock wells beginning in 1994 have indicated sporadic occurrences of trichloroethene (TCE) and other volatile organic compounds (VOCs). The source of contamination was not documented. In general, VOC concentrations have been declining. The presence of contaminated groundwater beneath the parcel is considered to represent a release of hazardous substances to the property. DOE recommended that the transfer of Parcel ED-9 be achieved by a Covenant Deferral per CERCLA with the following land use restrictions:

- The property shall not be developed in a manner that is inconsistent with the land use assumptions of “industrial use”
- Development of the property must comply with all applicable federal, state, and local laws and regulations with respect to any present or future development of the property.
- All structures, facilities, and improvements requiring a water supply shall be required to be connected to an approved water system for any and all usage. Extraction, consumption, exposure, or use, in any way, of the groundwater underlying the property is prohibited without the prior written approval of DOE, EPA Region 4, and the TDEC.
- Disturbance of any portion of the property deeper than 10 feet bgs without the prior written approval of DOE, EPA, and TDEC is prohibited.
- DOE reserves the right of access to all portions of the property for environmental investigation, remediation, or other corrective action.

**Parcel ED-13** encompasses approximately 98 acres of partially wooded land located east of the former Centrifuge Demonstration Complex. The two tracts of Parcel ED-4 bound the land at its southwestern and southeastern corners and the Oak Ridge Turnpike bounds the parcel on the south between the two tracts of Parcel ED-4. The southern portion includes a former railroad bed and a wetlands area near the headwaters of Mitchell Branch. The eastern boundary of the tract is bounded by the Wheat Archaeological District. The eastern portion is divided by a segment of the Haul Road used to transport waste from ETPP to the Environmental Management Waste Management Facility (EMWMF). The western boundary is formed by the parking lot adjacent to Victorious Boulevard. Prior to federal acquisition, the land in Parcel ED-13 consisted primarily of forests and grasslands intermixed with large and small orchards, cropland, and pastures associated with the Wheat Community. An underground natural gas line is located in the center of the parcel.

The K-1070-C/D Burial Ground is located on the western border of Parcel ED-13, north of the K-1200 complex of buildings. The burial ground operated from 1974 until 1989 and included three large trenches and ten pits were used for the disposal of liquid and solid wastes. Dust suppression during landfarming operations was carried out





with 4,450 gal of oil in 1982 and 2,000 gal of oil 1983. The 1982 oil was free of uranium and had chlorinated hydrocarbon content below 1% and polychlorinated biphenyl (PCB) content less than 5 parts per million (ppm). The 1983 oil contained relatively high levels of uranium. When it was assumed that the oil had been biodegraded by microorganisms, the dirt was scraped off and buried in a trench in C Burial Ground. The K-1070-C/D Burial Ground and the associated pits received NFA designations as reported in the EBS of ED-13, dated March 12, 2012.

Three surface water samples collected from within the Parcel ED-13 footprint were analyzed for VOCs, semi volatile organic compounds (SVOCs), metals, pesticides, and PCBs. There were no VOCs, SVOCs, pesticides, or PCBs detected in the surface water samples from Parcel ED-13. The metals detected included aluminum, arsenic, barium, beryllium, cadmium, cobalt, copper, iron, lead, magnesium, manganese, nickel, thallium, and zinc. ED-13 was transferred with a Clean Parcel Determination as reported in the EBS of ED-13, dated March 12, 2012.

**Parcel ED-16** encompasses approximately 66.99 acres of partially wooded land located east of the former Centrifuge Demonstration Complex and approximately 5,624 linear feet of two roads, the Haul Road and Blair Road. The portions of the Haul Road (approximately 2,900 linear ft) and Blair Road (approximately 2,724 linear ft) bisect the property and extend southward to the right-of-way (ROW) of Oak Ridge Turnpike. Prior to federal acquisition, the land in Parcel ED-16 consisted primarily of forests and grasslands intermixed with large and small orchards, cropland, and pastures associated with the Wheat Community.

The Haul Road is an elevated gravel road completed in 2008 and is dedicated to the transportation of waste from ETPP to the Environmental Management Waste Management Facility (EMWMF). The road is not open to the public. The Haul Road is currently owned by DOE but is intended to be transferred to the public. The Haul Road is monitored on a monthly basis using large-area plastic scintillation detectors mounted on a tractor. Resulting data are analyzed for anomalous readings and trended to guard against any gradual buildup of low-level contamination. Any anomalous readings are immediately investigated and quantified using hand-held instruments. Through this survey program, contamination above background has not been detected on the Haul Road since its construction. Thus, the Haul Road has not been impacted by the DOE waste transportation activities. DOE will continue to monitor the Haul Road until it is closed.

Six soil samples collected from within Parcel ED-16 were analyzed for chemicals in April 2011 by DOE in support of the clean parcel determination. The detected chemical results for the soil samples collected include four VOCs and the metals arsenic, cobalt, lead, and nickel. The VOCs acetone, carbon disulfide, methylene chloride, and toluene were detected below RSLs. Arsenic was detected in soil samples at 16.4 milligrams per kilogram (mg/kg), marginally exceeding the 14.95 mg/kg background threshold value (TV). Lead was detected in soil at two locations marginally exceeding the 37.91 mg/kg background TV. Groundwater samples were collected in 2010 to support the NPL boundary definition project. The most notable chemical detects include the metals arsenic, iron, and manganese. ED-16 was transferred with a Clean Parcel Determination.

The **K-1000 Complex** is composed of two separate structures that share a common canopy. The eastern structure is the Bldg. K-1000 Visitor Center, which was originally constructed in 1954 as a gatehouse. The building is 1,883 ft<sup>2</sup> and is constructed of brick and concrete masonry walls on a concrete slab. The western structure of the K-1000 Complex is the K-1000 Access Center, a 557-ft<sup>2</sup>, single story, rectangular structure that was built in 1957. It is constructed of steel-framed, concrete-block construction with a concrete foundation. In 2006, four surface and subsurface soil samples were collected from the single location where the ground surface is exposed in the K-1000 Complex. Analysis of the samples found detectable levels of semi volatile organic compounds (SVOCs) and



metals. Soil samples were also analyzed for volatile organic compounds (VOCs), PCBs, herbicides, and radionuclides; however, no VOCs, PCBs, or herbicides were detected. Comparison of the SVOC and metal concentrations indicates that none of the contaminants exceeds EPA Region 9 Industrial preliminary remediation goals (PRGs) for soil.

## 4.0 Records Review

### 4.1 Standard Environmental Record Sources

S&ME reviewed the regulatory lists obtained from Environmental Data Resources (EDR). EDR contacts regulatory agencies on a periodic basis to update identified databases. S&ME reviewed regulatory agency files for identified facilities which are located within the search radii as established by ASTM E1527-13. The extent of the search radii vary according to the activities and/or materials produced at each facility. The EDR environmental records report is included in Appendix II and contains detailed information regarding the release date and search distance for each database researched, search radii, an explanation of each database, and figures depicting the approximate location of regulated facilities in the vicinity of the subject property.

Regulatory listings are limited and include only those facilities or incidents that are known to the regulatory agencies at the time of publication to be contaminated, in the process of evaluation for potential contamination, or to store/generate potentially hazardous substances, waste, or petroleum. The Phase I ESA search radii are listed below.

**Table 3 – Federal Environmental Record Sources**

Database	Approximate Search Distance	Number of Sites in Results
NPL	1 mile	1
Proposed NPL	1 mile	0
DELISTED NPL	1 mile	0
NPL LIENS	Target Property	0
CERCLIS	0.5 mile	0
CERCLIS-NFRAP	0.5 mile	0
CORRACTS	1 mile	2
RCRIS-Non-Gen	Target Property and Adjacent	0
RCRIS-LQG	Target Property and Adjacent	2
RCRIS-TSDF	Target Property and Adjacent	2
ERNS	Target Property	0
HMIRS	Target Property	0
CONSENT	1 mile	0
ROD	1 mile	1
TRIS	Target Property	0



Database	Approximate Search Distance	Number of Sites in Results
TSCA	Target Property	0
FTTS	Target Property	0
PADS	Target Property	3
MLTS	Target Property	0
MINES	0.25 mile	0
ABANDONED MINES	0.5 mile	0
FINDS	Target Property	3
RAATS	Target Property	0

**Table 4 – State Environmental Record Sources**

Database	Approximate Search Distance	Number of Sites in Results
Hazardous Waste (SWHS)	1 mile	0
Landfills (SWF/LF)	0.5 mile	0
LUST	0.5 mile	1
UST	0.25 mile	1
Spills	Target Property	0

**Table 5 - Database Search Results**

Facility	Location Direction & Distance	Record	Comment
Oak Ridge Reservation	Bethel Valley Road Target Property	NPL SEMS CORRACTS US ENG CONTROLS US INST CONTROLS 2020 COR ACTION ROD PRP PADS	This a regional listing which encompasses the entire Oak Ridge Reservation. It includes areas not in the subject property.
East Tennessee Materials and Energy Corporation	2010 Highway 58, Suite 1020 643 feet SW	TN AIRS TRIS FINDS ECHO CORRACTS	This facility is listed at Buildings 1005 and 1007 on the subject property. The parent company names are Perma-Fix Environmental Services and East Tennessee Materials & Energy Corporation. This location appears to be the offices of Perma-Fix Environmental Services



Facility	Location Direction & Distance	Record	Comment
		RCRA-TSDF RCRA-LQG 2020 COR ACTION PADS	and East Tennessee Materials & Energy Corporation.
US DOE East Tennessee Tech Park	Portal 8 Perimeter Road 2677 feet NNW	FINDS	Location data in the EDR report for this listing indicates it was located approximately 800 feet NW of the subject property, near the former K-25 facility,
US DOE East Tennessee Technology Park	Rt. 58 & Blair Road 2839 feet NW	CORRACTS RCRA-TSDF RCRA-LQG 2020 COR ACTION PADS FINDS ECHO	This listing is for the entire ETTP property and includes listings included in the facilities listed above.
Five additional facilities are listed. These facilities are more than one mile from the subject property. They are not considered RECs in connection with the subject property.			

The subject property was identified on the databases reviewed as a TN AIRS, TRIS, FINDS, ECHO, CORRACTS, RCRA-TSDF, RCRA-LQG, 2020 COR ACTION, and PADS site. See Sections 3.8 above and 4.1.1 below. Five off-site regulated facilities were identified more than one mile from the subject property. Given their regulatory status and/or distances from the subject property, they are not considered RECs in connection with the property.

#### 4.1.1 State Agency File Review

S&ME reviewed regulatory files provided by TDEC for the subject property.

#### **Division of Underground Storage Tanks (DUST)**

In 1991, diesel free product was detected in a groundwater monitoring well at the former K-1440 garage site. This site was north of former Centrifuge Demonstration Complex and on the subject property. In 1987, a release from a 12,600-gallon diesel UST was discovered. The UST was removed. Total petroleum hydrocarbons (TPH) and benzene, toluene, and xylene (BTEX) contamination was detected in soil and groundwater samples. Impacted soils were excavated and treated via aeration on-site. Additional monitoring wells installed at the site identified a groundwater plume. An in-situ bioremediation system was installed to treat the groundwater. No documentation of the groundwater treatment system was observed. However, a case closure letter from TDEC, DUST, dated June 25, 1996.



In 1991, two diesel USTs were removed from the Centrifuge Demonstration Complex east of Americus Avenue. No documentation of soil analytical data was observed in the files reviewed. However, a case closure letter from TDEC, DUST, dated November 11, 1994 was observed in the files.

**Division of Solid Waste Management**

Quarterly aged waste reports, prepared by Materials and Energy Corporation, from 2006 through 2012 were reviewed. The reports are for all DOE aged waste. Tables listed hundreds of materials. The materials were stored and processed at the former Centrifuge Demonstration Complex east of Americus Avenue and on the subject property. Compliance Inspections (CIs) in 2012 and 2013 did not identify any regulatory violations. Hazardous waste management activities were terminated on the site in 2019.

**4.2 Additional Environmental Record Sources**

*4.2.1 EDR Supplementary Sources*

The EDR report also includes additional environmental records not listed among the standard federal, state, and tribal databases, which are summarized as follows.

**Table 6 – Additional EDR Proprietary Environmental Record Sources**

Database	Approximate Search Distance	Number of Sites in Results
Manufactured Gas Plants	1 mile	0
EDR Historical Auto Stations	0.25 mile	0
EDR Historical Cleaners	0.25 mile	0

No manufactured gas plants, historical auto stations, or historical cleaners were identified within their respective search distances.

**4.3 Physical Setting Sources**

S&ME reviewed the United States Geological Survey (USGS) topographic map depicting the site and surrounding area. The map reviewed was the Elverton, Tennessee 7-1/2-minute topographic quadrangle dated 1968. The central portion of the subject property shows the USDOE development. Several buildings were observed west of Americus Avenue. The former Centrifuge Demonstration Complex was identified east of Americus Avenue. A pond was observed to the southwest of these buildings and a rail line was observed along the southeast property line. Wooded areas were to the southwest and northeast. Blair Road bisects the northeast portion of the property. appears to consist of undeveloped land. No structures were indicated on the property. The general topographic slope is down to the southwest. That portion of the topographic map showing the site and immediately surrounding area is included in Appendix I (Figure 1).

The project site lies within the Appalachian Valley and Ridge Physiographic Province. The Province is characterized by elongated, northeasterly-trending ridges formed on highly resistant sandstone and shale. Between ridges, broad valleys and rolling hills are formed primarily on less resistant limestone, dolomite, and shale.



Published geologic information indicates that the site is underlain by bedrock of the Chickamauga and Conasauga Groups. The Chickamauga Group is not differentiated into its individual formations in the immediate area of this site. Where undivided, the Chickamauga Group is primarily composed of calcareous shale with crystalline limestone and minor amounts of sandstone. Bedrock from this geologic setting typically weathers to produce a thick, medium to high-plasticity clay residual soil. Silica in the form of chert is resistant to weathering and typically scattered throughout the residuum. In the area of this site, the Conasauga Group is composed of the following formations; Maryville Limestone, Rutledge Limestone, Rogersville Shale, and Pumpkin Valley Shale. The Maryville and Rutledge Limestones are massive, crystalline to aphanitic limestones containing thin dolomitic layers which typically weather to produce a reddish orange clay residuum containing chert fragments. The Rogersville Shale consists of light green, olive green, and purple shale which typically weathers to a thin acidic clay soil containing shale chips. The Pumpkin Valley Shale consists of red, yellow, or brown shale which typically weathers to produce silty clay residuum with some sand and shale-like structure.

#### *4.3.1 Aerial Photographs*

Aerial photographs of the subject property and surrounding properties were obtained from EDR. The photographs reviewed were dated 1976, 1987, 1992, 1997, 2008, 2012, and 2016. The aerial photograph coverage was only for the central developed portion of the subject property. The subject property was developed with DOE buildings on all of the photographs through 2008. Numerous small buildings were observed east of Americus Avenue. The Centrifuge Demonstration Complex and K-1440 garage area were observed east of Americus Avenue from 1976 through 1997. The K-25 Complex was observed north of the subject property through 2012. Copies of the historical aerial photographs are included in Appendix III.

#### *4.3.2 Sanborn Maps*

S&ME contracted with EDR to conduct a database search of Sanborn Fire Insurance Maps that depicted the subject property. Sanborn Map coverage for the subject property was not available for review.

#### *4.3.3 City Directories*

S&ME contracted with EDR to conduct a database search of city directories for the subject property and properties in the vicinity of the subject property. EDR reviewed city directories for the years 1992, 1995, 2000, 2005, 2010, 2014, and 2017. Numerous businesses were located along Oak Ridge Turnpike. The businesses included East Tennessee Materials and Energy, Infrared Heating Technologies, Materials and Chemical Laboratories, Oak Ridge National Recycle Center, Oliver's Restaurant, Operations Management International, and Southern Appalachian Railway. Copies of the City Directories are included in Appendix III.

#### *4.3.4 Tribal Records*

S&ME contracted with EDR to conduct a database search of environmental tribal records associated with the subject property. No environmental tribal records were identified.



### 4.3.5 Historical Topographic Maps

S&ME contracted EDR to conduct a search of available USGS historical topographic maps as a standard historical source to address 5-year data gaps. The mapping typically identifies on-site structures and helps to establish property use in the vicinity.

S&ME reviewed the 1895 Loudon 1935, 1941, 1953, 1968, 1989, 1991, and 2013 Elverton, Tennessee topographic quadrangles. The subject property appeared farmland on the 1895 through 1953 topographic maps. The DOE development was first identified on the 1968 map with numerous buildings indicated on the central portion of the subject property. The southwest and northeast portions appeared wooded. High-tension power lines were observed to the southwest and northeast. A rail line was observed along the southeast property line, turning north into the DOE Complex. Historical topographic maps are included in Appendix III.

## 4.4 Historical Use Information on the Property

S&ME reviewed aerial photographs from 1976 to 2016 obtained from EDR. S&ME reviewed city directories from 1992 to 2017 obtained from EDR. S&ME reviewed the Loudon and Elverton, Tennessee USGS 7.5 Minute Series topographic maps for the years 1895 through 2013. The historical records identified the DOE development in the center of the subject property from at least 1968.

The standard historical sources listed below were not reviewed. It is S&ME’s opinion that these sources would not provide additional meaningful and complete information, or the sources were not considered to be practically reviewable or reasonably ascertainable.

- Property Tax Files
- Recorded Land Title Records

## 4.5 Historical Use Information on Adjoining Properties

Historical information including aerial photographs, city directories, and topographic maps were reviewed to assess off-site historical land uses. Our findings are presented in the following tables.

**Table 7 – Aerial Photograph Review of Adjacent Properties**

Direction	Observed Feature	Years Observed for this Feature
North	DOE Development	1976 - 2016
East	Woodlands	1976 - 2016
South	Gallaher Road, Woodlands	1976 - 2016
West	DOE Development, Woodlands	1976 - 2016

**Table 8 – Topographic Map Review of Adjacent Properties**

Direction	Observed Feature	Years Observed for this Feature
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North	Farmland, Woodlands	1895 – 2013
East	Woodlands	1895 – 2013
South	Oak Ridge Highway, Woodlands, Farmland	1995 - 2013
West	Farmland	1895 – 1953
	DOE Development, Woodlands	1968 - 2013

## 5.0 Site Reconnaissance

### 5.1 Methodology and Limiting Conditions

A site reconnaissance of the subject property and surrounding area was performed by Mr. Timothy Schalk and Ms. Lydia Birk of S&ME on April 3 and 22, 2021. The on-site observations were followed by a vehicular survey of the surrounding area. The purpose of the site reconnaissance was to identify RECs at the subject property and identify sites of similar environmental concern located within the ASTM minimum search distances. S&ME personnel searched for evidence of past or present activities which could have led to the deposition of hazardous substances or petroleum products. No limiting conditions were encountered.

### 5.2 General Site Setting

#### 5.2.1 Current Use(s) of the Property

The central portion of the property has been developed into the East Tennessee Technology Park. Three buildings (K-1007, K-1000, and K-1225) are located on the property. Demolition activities are occurring north of Building 1225. The Centrifuge Demonstration Complex north of K-1225 is vacant as well as the K-1440 garage area. The remainder of the subject property is vacant grass-covered land and woodlands to the southwest and northeast.

#### 5.2.2 Past Use(s) of the Property

According to observations noted during the site reconnaissance, interviews, and historical documentation, the subject property has been owned by DOE and the central portion was used in support of past uranium enrichment. The southwest and northeast portions have been woodlands and farmland in the past.

#### 5.2.3 Current Use(s) of Adjoining and Surrounding Properties

The current uses of the adjoining properties were identified to the extent that they were visually observed from the subject property during our field reconnaissance, or were identified in interviews or in the records review. Descriptions of adjoining properties are provided below:

- **North** –Parcels formerly utilized by DOE for uranium enrichment are located immediately north of the central portion of the subject property. These include the disposal area north of the former Centrifuge Demonstration Complex. Structures on these parcels have been removed. Woodlands characterize the area further north.
- **East** –Woodlands are immediately east of the subject property. Additional woodlands are further east.





- **South** – Oak Ridge Turnpike is immediately south of the subject property with woodlands beyond.
- **West** – DOE property and woodlands are immediately west of the subject property. Additional woodlands are further west.

#### 5.2.4 *Past Use(s) of Adjoining and Surrounding Properties*

Evidence of previous land uses, including DOE land, farmland, and woodlands was observed on adjoining and surrounding properties through observations made during the site visit.

#### 5.2.5 *Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions*

Surface topography on the subject property slopes down to the southwest. Surface drainage on-site appears to follow the topography of the site.

#### 5.2.6 *Descriptions of Structures and Roads*

Numerous asphalt-paved roads cross the central portion of the subject property. Three buildings (K-1007, K-1000, and K-1225,) are located on the subject property.

#### 5.2.7 *Potable Water and Sewage Disposal System*

Potable water and sewage disposal is currently provided to the subject property by the City of Oak Ridge.

### 5.3 Exterior Observations

The subject property consists of an approximately 475-acre property north of Oak Ridge Turnpike. The central portion of the property is developed as the ETPP. Several asphalt-paved roads cross the Park. Three buildings (K-1007, K-1000, and K-1225) are located within the subject property area. These buildings are offices buildings. There are two office buildings (K-1580 and K-1330) located immediately adjacent to the subject property area. Demolition activities are occurring north of Building 1225. A recently excavated toxic waste UST was observed in this area. Building remnants were observed in this area and the K-1440 garage area to the north. The remainder of the central portion is grass-covered. A pond is located on the southwest portion. The pond appears to flow into Poplar Creek. The remainder of the southwest portion is wooded. The northeast portion of the subject property is wooded. The Haul Road and Blair Road cross this area. A church and cemetery (remnants of the former Wheat Community) are further northeast. and the northeast portion is grass covered. A gravel driveway crosses this portion of the property from west to east. Small mounds of rock and soil were observed, primarily adjacent to the gravel driveway. No evidence of existing USTs or hazardous materials was observed on the exterior of the subject property.

### 5.4 Interior Observations

S&ME observed Buildings K-1007, K-1000, and K-1225. K-1007 is a vacant two-story office building containing Health Services, computer services, and a cafeteria. No hazardous materials were observed in Building K-1007. Building K-1000 was formerly an entry portal into the K-25 Complex. The one-story building has recently been remodeled and is used for meetings. Building K-1225 is a two-story office building. Offices, conference rooms, and lunchrooms were observed. No hazardous materials were observed in the interior of Building K-1225.



## **6.0 Interviews**

### **6.1 Interviews with Past and Present Owners**

S&ME interviewed Mr. Gill Sallade, facility manager of UCOR, concerning past uses of the subject property. Mr. Sallade described the past use of the subject property. He informed S&ME that a toxic waste UST was recently removed from the Centrifuge Demonstration Complex north of K-1225. He also indicated that the portion north of K-1225 currently being demolished has not been fully characterized concerning environmental issues. Mr. Sallade also indicated that the southwest and northeast wooded portions of the subject property have not been developed in the past.

S&ME interviewed Mr. Gus Rizk, the owner representative for Buildings K-1007 and K-1225. Mr. Rizk stated that the two buildings have been office buildings. Mr. Rizk indicated that K-1007 also contained Health Services and Computer Services. Mr. Rizk stated that there are no USTs associated with the buildings and he is not aware of any environmental concerns.

S&ME interviewed Mr. Steve Jones, manager of the Coqui property on the southwest portion of the subject property. Mr. Jones stated that the property has been undeveloped woodlands in the past. He indicated that no structures have been located on the property. Mr. Jones is unaware of any USTs or other environmental concerns at the property.

### **6.2 Interview with Key Site Manager**

See Section 6.1 above.

### **6.3 Interview with Occupants**

Except for Building K-1225, which is occupied by UCOR personnel, the subject property is currently unoccupied.

### **6.4 Interview with Local Government Officials**

No local government officials were contacted during performance of this assessment.

### **6.5 Interview with Others**

No other individuals were interviewed during performance of this assessment.

## **7.0 Vapor Encroachment Evaluation**

Data obtained from the site reconnaissance and interviews were used in conjunction with the protocol established by ASTM E2600-15 to assess vapor encroachment on the subject property. Based upon regulatory records, site observations, and interviews, a vapor encroachment condition exists. See the Vapor Encroachment Screening (VES) Report in Appendix II.



## 8.0 Findings

### 8.1 On-Site Findings

- The central portion of the subject property has been used for uranium enrichment support services in the past.
- Three documented USTs have been located on the subject property. Given the nature of past activities on the central portion of the property, additional USTs are likely to have been, or still are, located on the property.
- TCE, VOC, and SVOC contamination in groundwater has been documented on the south-central portion of the subject property and east of the Centrifuge Demonstration Complex. Additionally, metals were detected in soil samples northeast of the Centrifuge Demonstration Complex. Land use restrictions were recommended for this area.
- The Centrifuge Demonstration Complex is currently undergoing demolition and the area has not been fully characterized concerning environmental issues.

### 8.2 Off-Site Findings

- The K-1070 C/D Burial Ground, a hazardous waste disposal area, is located immediately north of the K-1200 Centrifuge Demonstration Complex.
- Five off-site regulated facilities were identified within the ASTM minimum search distances.

## 9.0 Opinion

### 9.1 On-Site Opinions

- Uranium enrichment support services performed on the subject property are considered an REC.
- The three documented USTs on the subject property received TDEC case closure. However, the potential for additional USTs on the subject property exists. Contaminated groundwater and soil in the vicinity of the Centrifuge Demonstration Complex is considered an REC due to the documented releases.
- The lack of a full characterization of the Centrifuge Demonstration Complex is a significant data gap which prevents S&ME from fully assessing the area.

### 9.2 Off-Site Opinions

- Previous environmental investigations have identified groundwater contamination on the subject property originating from the EMWMF disposal area north of the Centrifuge Demonstration Area. This is considered an REC.
- The five off-site facilities identified are more than one mile from the subject property and therefore are not considered RECs in connection with the property.

### 9.3 Data Gaps

The lack of a full characterization of the K-1200 Centrifuge Demonstration Complex is a significant data gap which prevents S&ME from fully assessing the area. A historical data gap was encountered during the performance of



this assessment. Historical information was not available at five year intervals back to 1940. Based on prior use of the property and extent of data gap (at least 1940 to 1968), this data gap is considered significant.

## 9.4 Additional Investigation

Evidence of RECs was observed at the subject site during this assessment. Additional investigation would be necessary to determine the presence and/or extent of hazardous materials or petroleum products on the subject property.

## 10.0 Conclusions

S&ME has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the proposed Oak Ridge Airport property located in the ETPP north of Oak Ridge Turnpike in Oak Ridge, Tennessee. Any exceptions to, or deletions from, this practice are described in Section 10 of this report. **Based on the results of this Phase I ESA, S&ME identified RECs in connection with the subject property.** Based upon historical records, regulatory databases and records, and on-site observations, a Vapor Encroachment Condition (VEC) exists.

## 11.0 Deviations

No deviations from the standard were made.

## 12.0 Additional Services

No additional services were performed for this Phase I ESA.

## 13.0 References

- ASTM International ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. West Conshohocken, Pennsylvania, 2013.
- EDR-Radius Map Report with Geocheck®, Proposed Oak Ridge Airport Property, Inquiry Number 6430281.2s, dated March 31, 2021.
- EDR-Aerial Photo Decade Package, Proposed Oak Ridge Airport Property, Inquiry Number 6430281.9, dated April 1, 2021.
- EDR-City Directory Image Report, Proposed Oak Ridge Airport Property, Inquiry Number 6430281.5, dated April 1, 2021.
- EDR-Historical Topographic Map Report, Proposed Oak Ridge Airport Property, Inquiry Number 6430281.4, dated March 31, 2021,
- EDR Certified Sanborn Map Report, Proposed Oak Ridge Airport Property, Inquiry Number 6430281.3, dated March 31, 2021.

Additional references are detailed within this report.



## 14.0 Signature(s) of Environmental Professional(s)

I, Timothy S. Schalk, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in paragraph 312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

A handwritten signature in cursive script that reads "Timothy S. Schalk".

Timothy S. Schalk  
Environmental Professional

## 15.0 Qualification(s) of Environmental Professional(s)

Qualifications of the environmental professional who contributed to this Phase I ESA are included in Appendix VII.

S&ME provides a broad range of environmental services, including site assessments for real estate transactions. S&ME has over 1,100 employees located in 37 offices throughout the southeast. Engineering News and Record recently ranked S&ME as one of the 200 largest environmental firms in the country.

The environmental professional for this Phase I ESA is Mr. Timothy S. Schalk. Mr. Schalk has 25 years of environmental experience performing and managing Phase I and II Environmental Site Assessments. Please refer to Mr. Schalk's resume in Appendix VI for further details.

The peer reviewer for this Phase I ESA is Ms. Lydia Birk. Ms. Birk has over 25 years of experience as an environmental engineer and project manager for variety of environmental assessment, investigation and remediation projects, including the East Tennessee Technology Park CERCLA cleanup program. Please refer to Ms. Birk's resume in Appendix VI for further details.

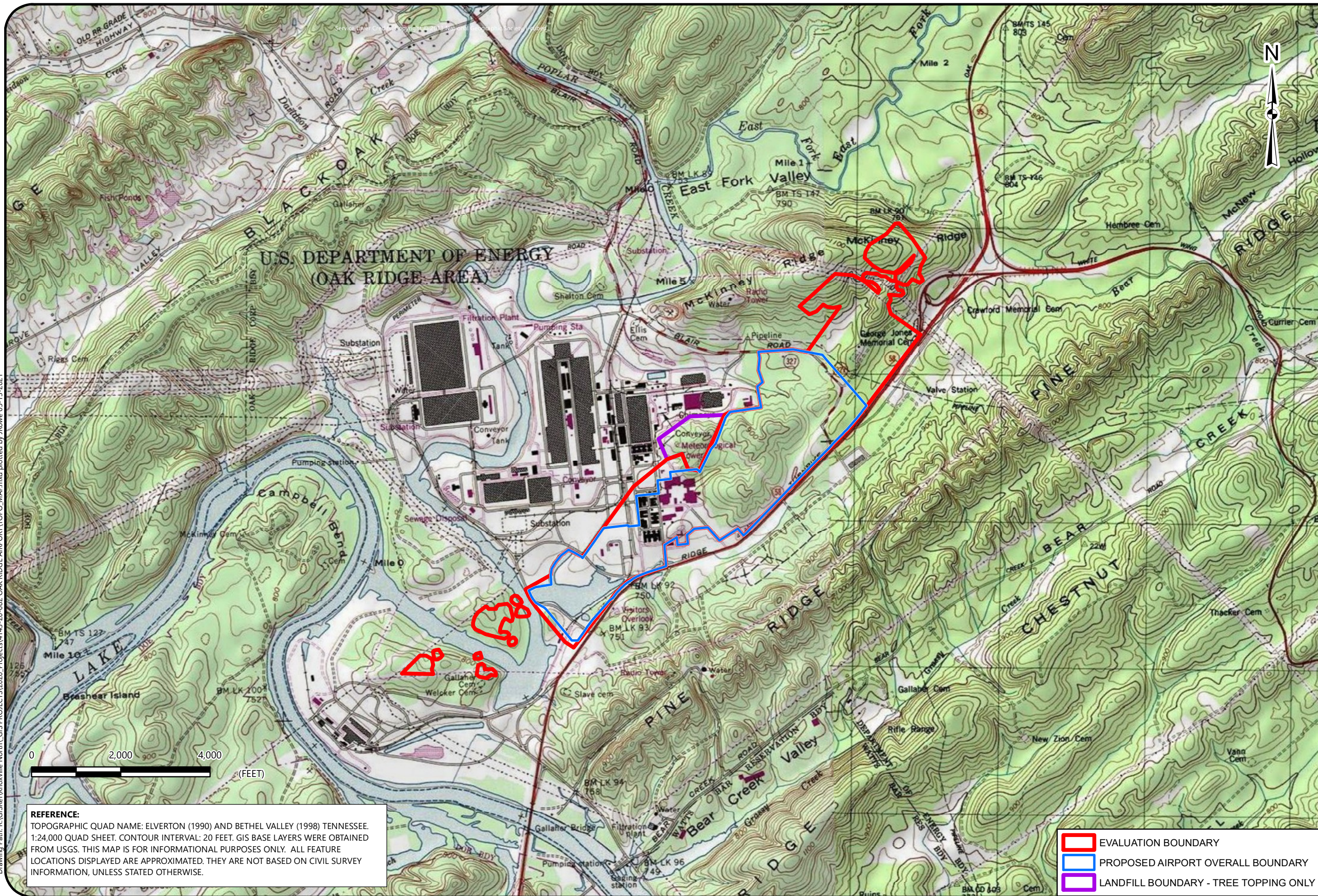
The senior reviewer for this project is Mr. Eric M. Solt. Mr. Solt has 30 years of experience in conducting environmental assessment activities. Please refer to Mr. Solt's resume in Appendix VI for further details.

## **Appendices**

## **Appendix I – Figures**

- Figure 1: Topographic Map
- Figure 2: Photograph Locations Map
- Figure 3: DOE Parcel Transfer Map
- Figure 4: Representative Photographs

Drawing Path: R:\GIS\Ref\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\TOPO.MAP.mxd plotted by jRowe 05-13-2021






USGS TOPOGRAPHIC MAP

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

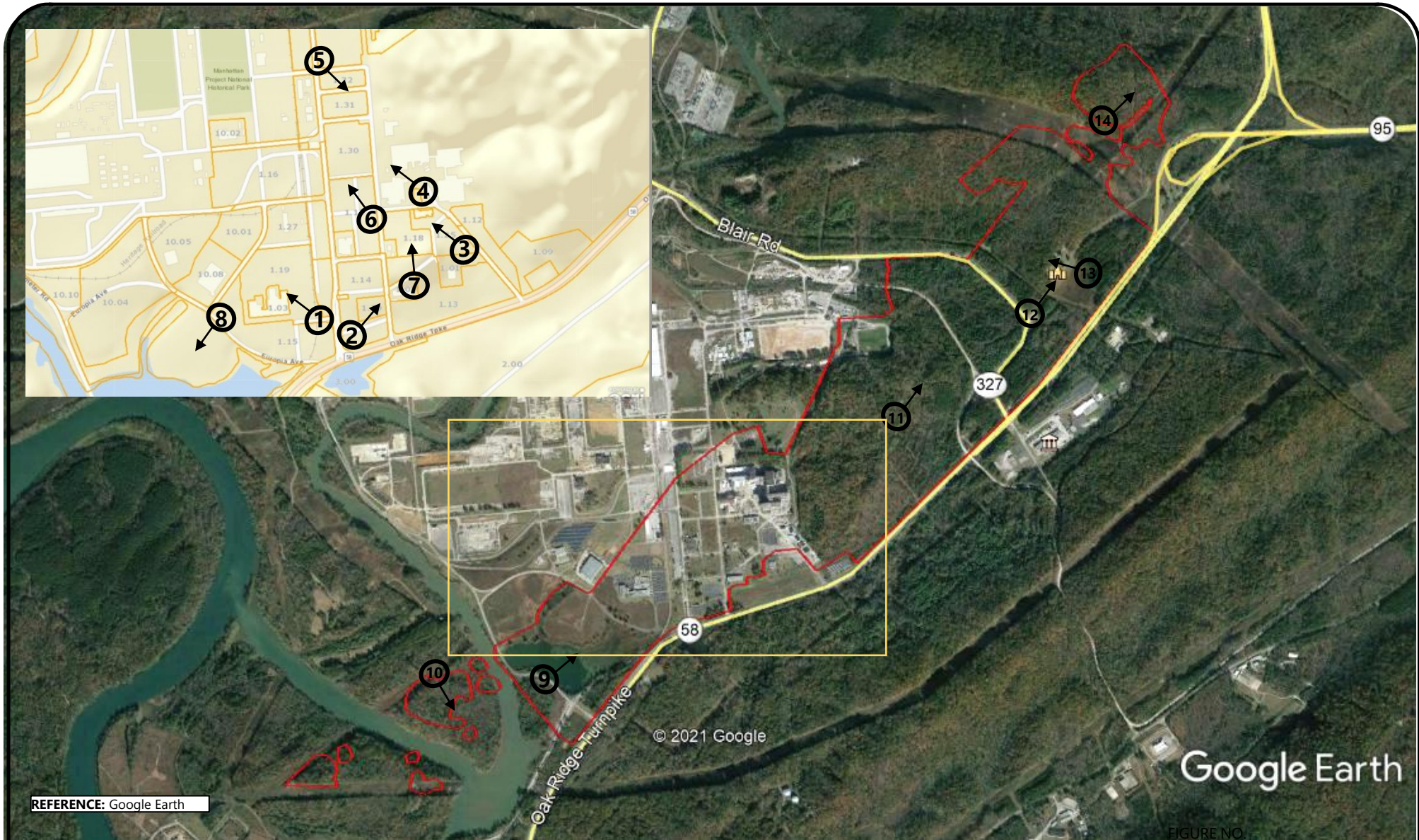
SCALE:  
1" = 2,000'  
DATE:  
5-13-2021  
PROJECT NUMBER  
4143-20-082  
FIGURE NO.

1

**REFERENCE:**  
TOPOGRAPHIC QUAD NAME: ELVERTON (1990) AND BETHEL VALLEY (1998) TENNESSEE.  
1:24,000 QUAD SHEET. CONTOUR INTERVAL: 20 FEET. GIS BASE LAYERS WERE OBTAINED  
FROM USGS. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE  
LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY  
INFORMATION, UNLESS STATED OTHERWISE.

-  EVALUATION BOUNDARY
-  PROPOSED AIRPORT OVERALL BOUNDARY
-  LANDFILL BOUNDARY - TREE TOPPING ONLY





REFERENCE: Google Earth

FIGURE NO.



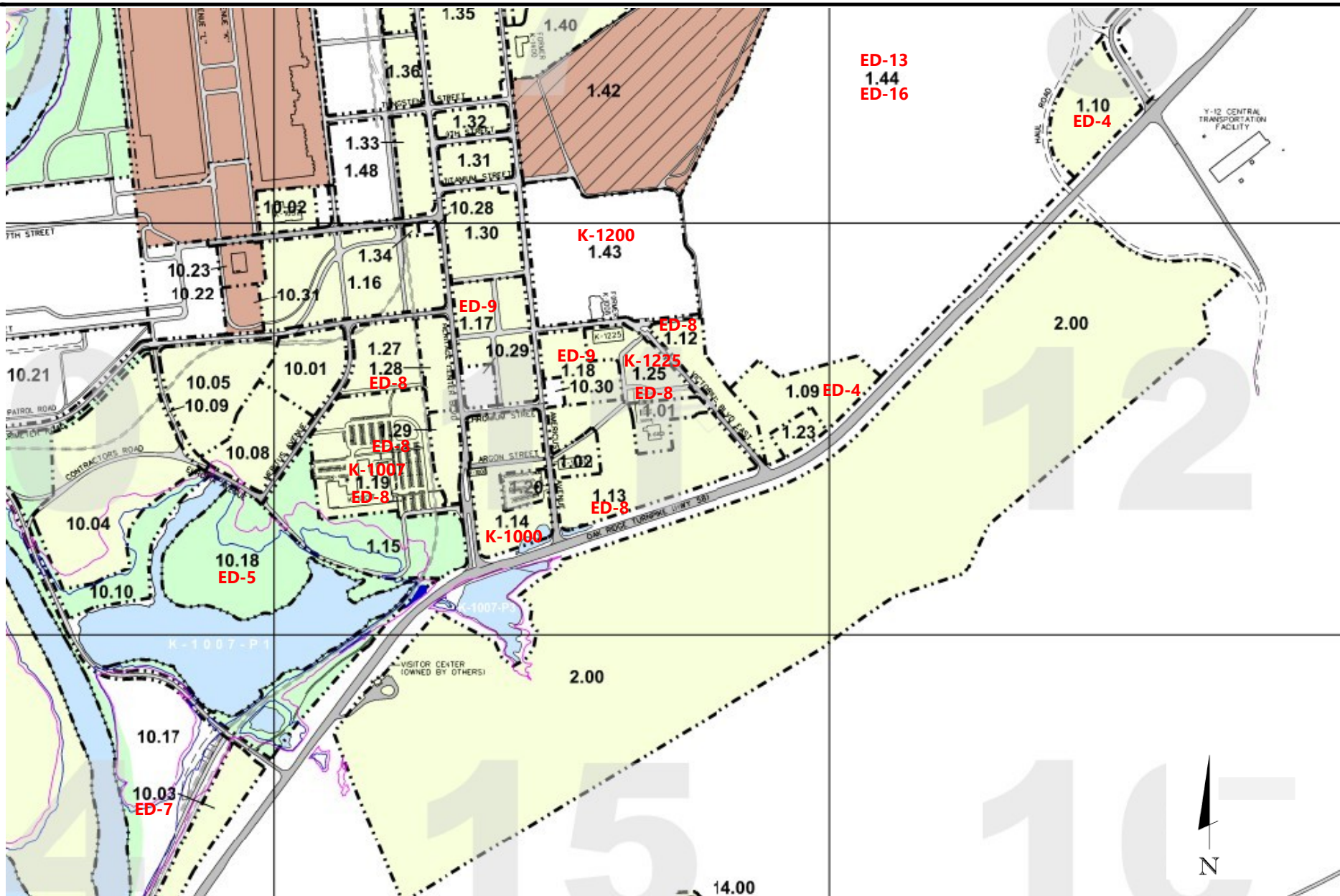
### Photograph Locations Map

Proposed Oak Ridge Airport Property  
Oak Ridge, Tennessee

SCALE:  
AS SHOWN  
DATE:  
4-27-21  
PROJECT NUMBER  
4143-20-082

FIGURE NO.

2



**Notes:**

Red indicates DOE EBS Parcel Identification  
 Black indicates Tax Parcel Identification

Base map from UCOR ETP Boundary and Parcel Map dated 1/17/2020.

**DOE Parcel Transfer Map**

Proposed Oak Ridge Airport Property  
 Oak Ridge, Tennessee

SCALE:  
 NTS

DATE:  
 5/7/2021

PROJECT NUMBER  
 4143-20-082

FIGURE NO.

**3**

**Proposed Oak Ridge Airport Property**


**Oak Ridge, Tennessee**

S&ME Project No. 4143-20-082

Page 1 of 7



		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>1</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	K-1007, facing northwest.

		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>2</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	K-1000, facing northeast.

**Proposed Oak Ridge Airport Property**

**Oak Ridge, Tennessee**

S&ME Project No. 4143-20-082

Page 2 of 7



<b>3</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	K-1225, facing northwest.

Date: 4/3/2021

Photographer: Timothy S. Schalk

<b>4</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	Centrifuge Demonstration Complex, facing northwest.

Date: 4/3/2021

Photographer: Timothy S. Schalk


**Proposed Oak Ridge Airport Property**

**Oak Ridge, Tennessee**

S&ME Project No. 4143-20-082

Page 3 of 7



		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>5</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	K-1440 Garage Area, facing southeast.

		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>6</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	South-central portion of the property, facing northwest.

**Proposed Oak Ridge Airport Property**

**Oak Ridge, Tennessee**

S&ME Project No. 4143-20-082

Page 4 of 7



		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>7</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	South-central portion of the property, facing northwest.


		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>8</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	Southwest portion of the property, facing southwest. Note weather station.



		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>9</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	Pond on southwest portion of the property, facing northwest.

		Date: 4/22/2021
		Photographer: Timothy S. Schalk
<b>10</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	Southwest portion of the property, facing southeast.



		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>11</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	Northeast portion of the property, facing northeast.

		Date: 4/3/2021
		Photographer: Timothy S. Schalk
<b>12</b>	<b>Location / Orientation</b>	See Figure 2
	<b>Remarks</b>	BORCE portion of the property, facing northeast.





<b>13</b>	<b>Location / Orientation</b>	See Figure 2	Photographer: Timothy S. Schalk Date: 4/3/2021
	<b>Remarks</b>	Former Wheat Community church and cemetery, facing northwest.	



<b>14</b>	<b>Location / Orientation</b>	See Figure 2	Photographer: Timothy S. Schalk Date: 4/22/2021
	<b>Remarks</b>	Northwest portion of the property, facing northeast.	



**Appendix II – EDR Radius Map Report with Geocheck and  
Vapor Encroachment Screening Report**

**Proposed Oak Ridge Airport Property**

Heritage Center Boulevard

Harriman, TN 37748

Inquiry Number: 6430281.2s

March 31, 2021

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

HERITAGE CENTER BOULEVARD  
HARRIMAN, TN 37748

#### COORDINATES

Latitude (North): 35.9279890 - 35° 55' 40.76"  
Longitude (West): 84.3896890 - 84° 23' 22.88"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 735506.0  
UTM Y (Meters): 3978910.2  
Elevation: 780 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5942139 ELVERTON, TN  
Version Date: 2013  
  
East Map: 5943546 BETHEL VALLEY, TN  
Version Date: 2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140427  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
HERITAGE CENTER BOULEVARD  
HARRIMAN, TN 37748

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">Reg</a>	OAK RIDGE RESERVATIO	BETHEL VALLEY ROAD	NPL, SEMS, CORRACTS, US ENG CONTROLS, US INST...	Same	1 ft.
<a href="#">1</a>	EAST TENNESSEE MATER	2010 HIGHWAY 58, SUI	TN AIRS	Lower	643, 0.122, SW
<a href="#">A2</a>	MATERIALS & ENERGY C	EAST TENNESSEE TECHN	TRIS	Higher	1310, 0.248, NNE
<a href="#">A3</a>	EAST TENNESSEE MATER	E.TENNESSEE TECH.PK	FINDS, ECHO	Higher	1310, 0.248, NNE
<a href="#">A4</a>	MATERIALS & ENERGY C	E.TENNESSEE TECH.PK	TN AIRS	Higher	1310, 0.248, NNE
<a href="#">5</a>	IMPACT SERVICES, INC	IMPACT SERVICES, INC	TN SWF/LF	Higher	1525, 0.289, ENE
<a href="#">6</a>	EAST TENNESSEE MATER	2010 HIGHWAY 58, SUI	CORRACTS, RCRA-TSDF, RCRA-LQG, US FIN ASSUR, 2020..	Higher	2495, 0.473, NW
<a href="#">7</a>	PERFORMANCE DEVELOPM	2010 HIGHWAY 58, SUI	RCRA NonGen / NLR	Higher	2611, 0.495, SW
<a href="#">8</a>	US DOE EAST TENNESSE	PORTAL 8 PERIMETER R	FINDS	Higher	2677, 0.507, NNW
<a href="#">9</a>	US DOE EAST TENNESSE	RT 58 & BLAIR RD	FINDS, ECHO	Higher	2839, 0.538, NW
<a href="#">10</a>	US DOE OAK RIDGE K-2	HWY 58, BLAIR ROAD,	FINDS, ECHO	Higher	3288, 0.623, NNW
<a href="#">11</a>	TENNESSEE VALLEY AUT	1571 BLAIR ROAD	TN AIRS	Higher	4551, 0.862, North
<a href="#">12</a>	U.S. DOE, EAST TENNE	HIGHWAY 58 & BLAIR R	CORRACTS, RCRA-TSDF, RCRA-LQG, 2020 COR ACTION,...	Higher	4902, 0.928, ENE
<a href="#">13</a>	IT ENVIRONMENTAL TEC	1570 BEAR CREEK RD	RCRA NonGen / NLR, PADS	Higher	5707, 1.081, SSE
<a href="#">14</a>	DURATEK SERVICES, IN	DURATEK SERVICES, IN	TN SWF/LF	Higher	5740, 1.087, SSE
<a href="#">15</a>	ATG CATALYTIC	1556 BEAR CREEK ROAD	RCRA NonGen / NLR, FINDS, ECHO	Higher	6032, 1.142, SSE
<a href="#">16</a>	HITTMAN TRANSPORT SE	1560B BEAR CREEK RD	RCRA NonGen / NLR, PADS	Lower	6274, 1.188, SSE
<a href="#">17</a>	TVA, CLINCH RIVER SM	1300 BEAR CREEK ROAD	RCRA-SQG, FINDS, ECHO	Lower	7248, 1.373, South

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA generators list***

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

TN SHWS..... List of Inactive Hazardous Substance Sites

### ***State and tribal landfill and/or solid waste disposal site lists***

TN SWM COMPLAINTS..... Solid Waste Management Complaints

# EXECUTIVE SUMMARY

## ***State and tribal leaking storage tank lists***

TN LUST..... Leaking Underground Storage Tank Database Listing  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
TN LUST TRUST..... LUST TRUST Fund Database  
TN HIST\_LUST CO..... Leaking Underground Storage Tanks Sites

## ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
TN UST..... Facility and Tank Report  
TN AST..... Aboveground Storage Tanks  
INDIAN UST..... Underground Storage Tanks on Indian Land

## ***State and tribal institutional control / engineering control registries***

TN ENG CONTROLS..... Engineering Control Sites  
TN INST CONTROL..... Institutional Control Sites

## ***State and tribal voluntary cleanup sites***

TN SRP..... State Remediation Program List  
TN VCP..... Voluntary Cleanup, Oversight and Assistance Program Sites  
INDIAN VCP..... Voluntary Cleanup Priority Listing

## ***State and tribal Brownfields sites***

TN BROWNFIELDS..... Superfund VOAP Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

TN SWRCY..... Recycling Facilities Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
IHS OPEN DUMPS..... Open Dumps on Indian Land

### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
TN CDL..... Registry of Contaminated Properties  
TN PRIORITYCLEANERS..... DCERP Remediation Sites Listing  
TN DEL SHWS..... Deleted State Hazardous Waste Sites  
US CDL..... National Clandestine Laboratory Register  
TN PFAS..... PFAS Contamination Site Location Listing

### ***Local Lists of Registered Storage Tanks***

TN HIST UST..... Underground Storage Tank Database



# EXECUTIVE SUMMARY

## **Local Land Records**

TN LIENS..... Liens Information  
LIENS 2..... CERCLA Lien Information

## **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
TN SPILLS..... State Spills

## **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
EPA WATCH LIST..... EPA WATCH LIST  
TSCA..... Toxic Substances Control Act  
SSTS..... Section 7 Tracking Systems  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
TN DRYCLEANERS..... Registered Facilities List  
TN LEAD..... Lead Safe Housing Registry  
TN NPDES..... Permitted Facility Listing  
TN VAPOR..... Vapor Intrusion  
MINES MRDS..... Mineral Resources Data System

## **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants  
EDR Hist Auto..... EDR Exclusive Historical Auto Stations

# EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

## EDR RECOVERED GOVERNMENT ARCHIVES

### **Exclusive Recovered Govt. Archives**

TN RGA LF..... Recovered Government Archive Solid Waste Facilities List

TN RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

### **Federal NPL site list**

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 NPL site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>OAK RIDGE RESERVATIO</i></b> Cerclis ID:: 404152 EPA Id: TN1890090003	<b><i>BETHEL VALLEY ROAD</i></b>	<b><i>0 - 1/8 (0.000 mi.)</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

### **Federal CERCLIS list**

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 SEMS

## EXECUTIVE SUMMARY

site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b> Site ID: 0404152 EPA Id: TN1890090003	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/14/2020 has revealed that there are 3 CORRACTS sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b> EPA ID:: TN1890090003	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>
<b>EAST TENNESSEE MATER</b> EPA ID:: TNR000005397	<b>2010 HIGHWAY 58, SUI</b>	<b>NW 1/4 - 1/2 (0.473 mi.)</b>	<b>6</b>	<b>195</b>
<b>U.S. DOE, EAST TENNE</b> EPA ID:: TN0890090004	<b>HIGHWAY 58 &amp; BLAIR R</b>	<b>ENE 1/2 - 1 (0.928 mi.)</b>	<b>12</b>	<b>538</b>

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA-TSDF sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST TENNESSEE MATER</b> EPA ID:: TNR000005397	<b>2010 HIGHWAY 58, SUI</b>	<b>NW 1/4 - 1/2 (0.473 mi.)</b>	<b>6</b>	<b>195</b>
<b>U.S. DOE, EAST TENNE</b> EPA ID:: TN0890090004	<b>HIGHWAY 58 &amp; BLAIR R</b>	<b>ENE 1/2 - 1 (0.928 mi.)</b>	<b>12</b>	<b>538</b>

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA-LQG sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST TENNESSEE MATER</b> EPA ID:: TNR000005397	<b>2010 HIGHWAY 58, SUI</b>	<b>NW 1/4 - 1/2 (0.473 mi.)</b>	<b>6</b>	<b>195</b>
<b>U.S. DOE, EAST TENNE</b> EPA ID:: TN0890090004	<b>HIGHWAY 58 &amp; BLAIR R</b>	<b>ENE 1/2 - 1 (0.928 mi.)</b>	<b>12</b>	<b>538</b>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA-SQG site within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TVA, CLINCH RIVER SM</b> EPA ID:: TNR000036616	<b>1300 BEAR CREEK ROAD</b>	<b>S 1 - 2 (1.373 mi.)</b>	<b>17</b>	<b>1170</b>

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 10/28/2020 has revealed that there is 1 US ENG CONTROLS site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b> EPA ID:: TN1890090003 EPA ID:: TN1890090003	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>

## EXECUTIVE SUMMARY

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 10/28/2020 has revealed that there is 1 US INST CONTROLS site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b> EPA ID:: TN1890090003	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>

### ***State and tribal landfill and/or solid waste disposal site lists***

TN SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environment & Conservation's list: Sanitary, Industrial, Demolition, Solid Waste Processing Facilities and Closed Landfills.

A review of the TN SWF/LF list, as provided by EDR, and dated 12/07/2020 has revealed that there are 2 TN SWF/LF sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IMPACT SERVICES, INC Status: Inactive Facility Id: TRF730001386	IMPACT SERVICES, INC	ENE 1/4 - 1/2 (0.289 mi.)	5	195
DURATEK SERVICES, IN Status: Inactive Facility Id: TRF730001328	DURATEK SERVICES, IN	SSE 1 - 2 (1.087 mi.)	14	1159

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Other Ascertainable Records***

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PERFORMANCE DEVELOPM EPA ID:: TNR000013441	2010 HIGHWAY 58, SUI	SW 1/4 - 1/2 (0.495 mi.)	7	532
<b>IT ENVIRONMENTAL TEC</b>	<b>1570 BEAR CREEK RD</b>	<b>SSE 1 - 2 (1.081 mi.)</b>	<b>13</b>	<b>1148</b>

## EXECUTIVE SUMMARY

EPA ID:: TND981933120

<b>ATG CATALYTIC</b>	<b>1556 BEAR CREEK ROAD</b>	<b>SSE 1 - 2 (1.142 mi.)</b>	<b>15</b>	<b>1160</b>
EPA ID:: TNR000004101				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HITTMAN TRANSPORT SE</b>	<b>1560B BEAR CREEK RD</b>	<b>SSE 1 - 2 (1.188 mi.)</b>	<b>16</b>	<b>1165</b>
EPA ID:: TNR000034686				

US FIN ASSUR: All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

A review of the US FIN ASSUR list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 US FIN ASSUR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST TENNESSEE MATER</b>	<b>2010 HIGHWAY 58, SUI</b>	<b>NW 1/4 - 1/2 (0.473 mi.)</b>	<b>6</b>	<b>195</b>
EPA ID: TNR000005397				

2020 COR ACTION: The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

A review of the 2020 COR ACTION list, as provided by EDR, and dated 09/30/2017 has revealed that there are 3 2020 COR ACTION sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b>	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>
EPA ID:: TN1890090003				
<b>EAST TENNESSEE MATER</b>	<b>2010 HIGHWAY 58, SUI</b>	<b>NW 1/4 - 1/2 (0.473 mi.)</b>	<b>6</b>	<b>195</b>
EPA ID:: TNR000005397				
<b>U.S. DOE, EAST TENNE</b>	<b>HIGHWAY 58 &amp; BLAIR R</b>	<b>ENE 1/2 - 1 (0.928 mi.)</b>	<b>12</b>	<b>538</b>
EPA ID:: TN0890090004				

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2018 has revealed that there is 1 TRIS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MATERIALS &amp; ENERGY C</b>	<b>EAST TENNESSEE TECHN</b>	<b>NNE 1/8 - 1/4 (0.248 mi.)</b>	<b>A2</b>	<b>174</b>

## EXECUTIVE SUMMARY

TRIS ID: 37830MTRLSETENN

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 ROD site within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b> EPA ID:: TN1890090003	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>

PRP: A listing of verified Potentially Responsible Parties

A review of the PRP list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 PRP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b>	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>

PADS: The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 11/19/2020 has revealed that there are 3 PADS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OAK RIDGE RESERVATIO</b> EPAID:: TN1890090003	<b>BETHEL VALLEY ROAD</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>
<b>EAST TENNESSEE MATER</b> EPAID:: TNR000005397	<b>2010 HIGHWAY 58, SUI</b>	<b>NW 1/4 - 1/2 (0.473 mi.)</b>	<b>6</b>	<b>195</b>
<b>U.S. DOE, EAST TENNE</b> EPAID:: TN0890090004	<b>HIGHWAY 58 &amp; BLAIR R</b>	<b>ENE 1/2 - 1 (0.928 mi.)</b>	<b>12</b>	<b>538</b>

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/04/2020 has revealed that there are 4 FINDS sites within approximately 1 mile of the target property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST TENNESSEE MATER</b> Registry ID:: 110015583457	<b>E.TENNESSEE TECH.PK</b>	<b>NNE 1/8 - 1/4 (0.248 mi.)</b>	<b>A3</b>	<b>189</b>
US DOE EAST TENNESSE Registry ID:: 110025334591	PORTAL 8 PERIMETER R	NNW 1/2 - 1 (0.507 mi.)	8	535
<b>US DOE EAST TENNESSE</b> Registry ID:: 110002471094	<b>RT 58 &amp; BLAIR RD</b>	<b>NW 1/2 - 1 (0.538 mi.)</b>	<b>9</b>	<b>535</b>
<b>US DOE OAK RIDGE K-2</b> Registry ID:: 110045583490	<b>HWY 58, BLAIR ROAD,</b>	<b>NNW 1/2 - 1 (0.623 mi.)</b>	<b>10</b>	<b>536</b>

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 01/02/2021 has revealed that there are 3 ECHO sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST TENNESSEE MATER</b> Registry ID: 110015583457	<b>E.TENNESSEE TECH.PK</b>	<b>NNE 1/8 - 1/4 (0.248 mi.)</b>	<b>A3</b>	<b>189</b>
<b>US DOE EAST TENNESSE</b> Registry ID: 110002471094	<b>RT 58 &amp; BLAIR RD</b>	<b>NW 1/2 - 1 (0.538 mi.)</b>	<b>9</b>	<b>535</b>
<b>US DOE OAK RIDGE K-2</b> Registry ID: 110045583490	<b>HWY 58, BLAIR ROAD,</b>	<b>NNW 1/2 - 1 (0.623 mi.)</b>	<b>10</b>	<b>536</b>

TN AIRS: A listing of permitted sources issued by the Division of Air Pollution Control.

A review of the TN AIRS list, as provided by EDR, and dated 10/26/2020 has revealed that there are 3 TN AIRS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MATERIALS & ENERGY C TENNESSEE VALLEY AUT Facility Id: 73-0245	E.TENNESSEE TECH.PK 1571 BLAIR ROAD	NNE 1/8 - 1/4 (0.248 mi.) N 1/2 - 1 (0.862 mi.)	A4 11	190 537
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EAST TENNESSEE MATER Facility Id: 73-0166	2010 HIGHWAY 58, SUI	SW 0 - 1/8 (0.122 mi.)	1	173



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

Database(s)

EAST TENNESSEE TECHNOLOGY PARK

TN LUST

# OVERVIEW MAP - 6430281.2S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

⚡ Power transmission lines

⚡ Pipelines

▨ Special Flood Hazard Area (1%)

▨ 0.2% Annual Chance Flood Hazard

■ National Wetland Inventory

■ State Wetlands

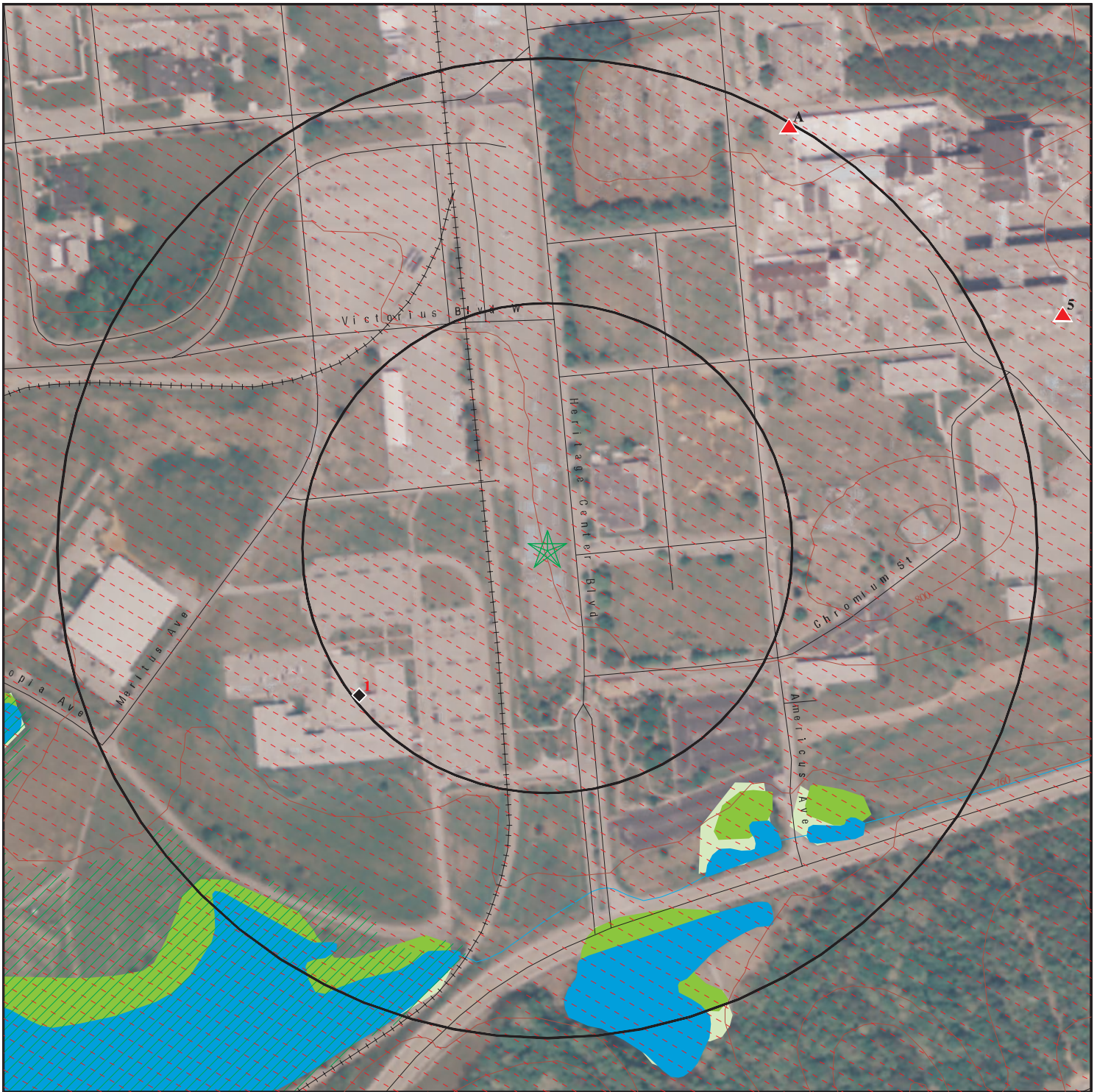


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Oak Ridge Airport Property  
 ADDRESS: Heritage Center Boulevard  
 Harriman TN 37748  
 LAT/LONG: 35.927989 / 84.389689

CLIENT: S&ME  
 CONTACT: Tim Schalk  
 INQUIRY #: 6430281.2s  
 DATE: March 31, 2021 2:33 pm

# DETAIL MAP - 6430281.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ◆ Sensitive Receptors
- ▨ National Priority List Sites
- ▨ Dept. Defense Sites

- ▨ Indian Reservations BIA
- ▨ Special Flood Hazard Area (1%)
- ▨ 0.2% Annual Chance Flood Hazard
- ▨ National Wetland Inventory
- ▨ State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Oak Ridge Airport Property  
 ADDRESS: Heritage Center Boulevard  
 Harriman TN 37748  
 LAT/LONG: 35.927989 / 84.389689

CLIENT: S&ME  
 CONTACT: Tim Schalk  
 INQUIRY #: 6430281.2s  
 DATE: March 31, 2021 2:35 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.500		1	0	0	0	0	1
Proposed NPL	1.500		0	0	0	0	0	0
NPL LIENS	1.500		0	0	0	0	0	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.500		0	0	0	0	0	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	1.500		0	0	0	0	0	0
SEMS	1.500		1	0	0	0	0	1
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	1.500		0	0	0	0	0	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.500		1	0	1	1	0	3
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	1.500		0	0	1	1	0	2
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	1.500		0	0	1	1	0	2
RCRA-SQG	1.500		0	0	0	0	1	1
RCRA-VSQG	1.500		0	0	0	0	0	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	1.500		0	0	0	0	0	0
US ENG CONTROLS	1.500		1	0	0	0	0	1
US INST CONTROLS	1.500		1	0	0	0	0	1
<b><i>Federal ERNS list</i></b>								
ERNS	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
TN SHWS	1.500		0	0	0	0	0	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
TN SWF/LF	1.500		0	0	1	0	1	2
TN SWM COMPLAINTS	1.500		0	0	0	0	0	0
<b><i>State and tribal leaking storage tank lists</i></b>								
TN LUST	1.500		0	0	0	0	0	0
INDIAN LUST	1.500		0	0	0	0	0	0
TN LUST TRUST	1.500		0	0	0	0	0	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TN HIST_LUST CO	1.500		0	0	0	0	0	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	1.500		0	0	0	0	0	0
TN UST	1.500		0	0	0	0	0	0
TN AST	1.500		0	0	0	0	0	0
INDIAN UST	1.500		0	0	0	0	0	0
<b>State and tribal institutional control / engineering control registries</b>								
TN ENG CONTROLS	1.500		0	0	0	0	0	0
TN INST CONTROL	1.500		0	0	0	0	0	0
<b>State and tribal voluntary cleanup sites</b>								
TN SRP	1.500		0	0	0	0	0	0
TN VCP	1.500		0	0	0	0	0	0
INDIAN VCP	1.500		0	0	0	0	0	0
<b>State and tribal Brownfields sites</b>								
TN BROWNFIELDS	1.500		0	0	0	0	0	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	1.500		0	0	0	0	0	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
TN SWRCY	1.500		0	0	0	0	0	0
INDIAN ODI	1.500		0	0	0	0	0	0
ODI	1.500		0	0	0	0	0	0
DEBRIS REGION 9	1.500		0	0	0	0	0	0
IHS OPEN DUMPS	1.500		0	0	0	0	0	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	1.000		0	0	0	0	NR	0
TN CDL	1.000		0	0	0	0	NR	0
TN PRIORITYCLEANERS	1.500		0	0	0	0	0	0
TN DEL SHWS	1.500		0	0	0	0	0	0
US CDL	1.000		0	0	0	0	NR	0
TN PFAS	1.500		0	0	0	0	0	0
<b>Local Lists of Registered Storage Tanks</b>								
TN HIST UST	1.500		0	0	0	0	0	0
<b>Local Land Records</b>								
TN LIENS	1.000		0	0	0	0	NR	0
LIENS 2	1.000		0	0	0	0	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	1.000		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TN SPILLS	1.000		0	0	0	0	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	1.500		0	0	1	0	3	4
FUDS	1.500		0	0	0	0	0	0
DOD	1.500		0	0	0	0	0	0
SCRD DRYCLEANERS	1.500		0	0	0	0	0	0
US FIN ASSUR	1.000		0	0	1	0	NR	1
EPA WATCH LIST	1.000		0	0	0	0	NR	0
2020 COR ACTION	1.500		1	0	1	1	0	3
TSCA	1.000		0	0	0	0	NR	0
TRIS	1.000		0	1	0	0	NR	1
SSTS	1.000		0	0	0	0	NR	0
ROD	1.500		1	0	0	0	0	1
RMP	1.000		0	0	0	0	NR	0
RAATS	1.000		0	0	0	0	NR	0
PRP	1.000		1	0	0	0	NR	1
PADS	1.000		1	0	1	1	NR	3
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	1.000		0	0	0	0	NR	0
MLTS	1.000		0	0	0	0	NR	0
COAL ASH DOE	1.000		0	0	0	0	NR	0
COAL ASH EPA	1.500		0	0	0	0	0	0
PCB TRANSFORMER	1.000		0	0	0	0	NR	0
RADINFO	1.000		0	0	0	0	NR	0
HIST FTTS	1.000		0	0	0	0	NR	0
DOT OPS	1.000		0	0	0	0	NR	0
CONSENT	1.500		0	0	0	0	0	0
INDIAN RESERV	1.500		0	0	0	0	0	0
FUSRAP	1.500		0	0	0	0	0	0
UMTRA	1.500		0	0	0	0	0	0
LEAD SMELTERS	1.000		0	0	0	0	NR	0
US AIRS	1.000		0	0	0	0	NR	0
US MINES	1.500		0	0	0	0	0	0
ABANDONED MINES	1.500		0	0	0	0	0	0
FINDS	1.000		0	1	0	3	NR	4
UXO	1.500		0	0	0	0	0	0
DOCKET HWC	1.000		0	0	0	0	NR	0
ECHO	1.000		0	1	0	2	NR	3
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
TN AIRS	1.000		1	1	0	1	NR	3
TN DRYCLEANERS	1.500		0	0	0	0	0	0
TN LEAD	1.000		0	0	0	0	NR	0
WI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
TN NPDES	1.000		0	0	0	0	NR	0
TN VAPOR	1.500		0	0	0	0	0	0
MINES MRDS	1.000		0	0	0	0	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR MGP	1.500		0	0	0	0	0	0
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	1.500		0	0	0	0	0	0
EDR Hist Cleaner	1.500		0	0	0	0	0	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
TN RGA LF	1.000		0	0	0	0	NR	0
TN RGA LUST	1.000		0	0	0	0	NR	0
- Totals --		0	10	4	8	11	5	38

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NPL**  
**Region**  
  
 < 1/8  
 1 ft.

**OAK RIDGE RESERVATION (USDOE)**  
**BETHEL VALLEY ROAD**  
**OAK RIDGE, TN 37830**

**NPL** 1000883018  
**SEMS** TN1890090003  
**CORRACTS**  
**US ENG CONTROLS**  
**US INST CONTROLS**  
**2020 COR ACTION**  
**ROD**  
**PRP**  
**PADS**

NPL:  
 EPA Region: 4  
 EPA ID: TN1890090003  
 Site ID: 404152  
 Name: OAK RIDGE RESERVATION (USDOE)  
 Address: BETHEL VALLEY ROAD  
 City,State,Zip: OAK RIDGE, TN 37830  
 Federal: Y  
 Final Date: 1989-11-21 00:00:00  
 Latitude: 35.924719  
 Longitude: -84.390139  
 Site Score: 51.130000000000003

NPL:  
 NPL Status: Currently on the Final NPL  
 Substance ID: Not reported  
 CAS Number: Not reported  
 Substance: Not reported  
 Pathway: Not reported  
 Scoring: Not reported

NPL Status: Currently on the Final NPL  
 Substance ID: C460  
 CAS Number: 7439-97-6  
 Substance: MERCURY  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 4

Summary Details:

Conditions at proposal July 14, 1989): The Oak Ridge Reservation (ORR), operated by the U.S. Department of Energy (USDOE), covers about 58,000 acres in Oak Ridge, in Anderson and Roane Counties, Tennessee. The area around the reservation is predominately rural except for the City of Oak Ridge (population 28,000). ORR consists of three major operating facilities: Oak Ridge National Laboratory, a research lab that includes nuclear reactors, chemical plants, and radioisotope production labs; Oak Ridge Gaseous Diffusion Plant, a production complex previously engaged primarily in the enrichment of uranium-235; and the Y-12 Plant, located immediately adjacent to the City of Oak Ridge, which produces nuclear weapon components, processes nuclear materials, and performs other related functions. ORR operations generate a variety of radioactive, nonradioactive, and mixed radioactive and nonradioactive) hazardous wastes, many of which in the past were disposed of or stored on-site. Leakage from inactive disposal and storage facilities, coupled with spills and other accidental releases, has contaminated many areas in and around ORR. Metals, organics, and radionuclides have been detected in ORR soil, ground water, and surface water. At present, ground water contamination appears confined to ORR. A 1983 study by USDOE estimates that 733,000 pounds of elemental mercury were released to the environment in the 1950s and 1960s around the Y-12 Plant. Most of the



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

contamination around Y-12 is confined to the upper 10 feet of soils and fill. Additional studies revealed that some 170,000 pounds of mercury are contained in the sediments and floodplain of about a 15-mile length of East Fork Poplar Creek EFPC), which has its headwaters at Y-12, and that some 500 pounds of mercury annually leave this watershed. Mercury and cesium-137 have been detected at higher than background levels in sediments of the Clinch River and the Tennessee River near Chattanooga, some 118 miles downstream of ORR. Seven water intakes in this 118-mile stretch provide drinking water to an estimated 43,200 people. Wetlands in the Blyth Ferry Water Fowl Management Area are also near the 118-mile stretch of the river. EFPC flows through the City of Oak Ridge, exposing people to mercury-contaminated soils in the easily accessible areas of the floodplains of the creek. USDOE has removed soil at several locations along the creek where mercury concentrations were particularly high. USDOE is investigating ORR under its Comprehensive Environmental Assessment and Response Program. Under the program, USDOE is conducting studies involving requirements of CERCLA and of permits issued under Subtitle C of the Resource Conservation and Recovery Act RCRA). The permits call for closing some units on ORR, conducting postclosure monitoring, and evaluating over 500 solid waste management units under RCRA Sections 3004 u) and v). Status November 21, 1989): USDOE investigations continue.

NPL:

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-<= 10 Feet  
Category Value: 1

NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 10

NPL:

NPL Name: OAK RIDGE RESERVATION (USDOE)

NPL:

EPA Region: 04  
Site ID: 0404152  
Site Status: F  
Federal Site: Y  
Date Deleted: Not reported  
Date Finalized: 11/21/89  
Date Proposed: 07/14/89

NPL:

Proposed Date: 07/14/1989  
Final Date: 11/21/1989  
Deleted Date: Not reported  
NPL Status: Final

SEMS:

Site ID: 0404152  
EPA ID: TN1890090003  
Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
Cong District: 03  
FIPS Code: Not reported  
Latitude: 35.924719  
Longitude: -84.390139  
FF: Y  
NPL: Currently on the Final NPL  
Non NPL Status: Not reported

SEMS Detail:

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 24  
Action Code: CO  
Action Name: RI/FS  
SEQ: 2  
Start Date: 1990-03-31 05:00:00  
Finish Date: 9/29/1995 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 00  
Action Code: NF  
Action Name: NPL FINL  
SEQ: 1  
Start Date: 1989-11-21 05:00:00  
Finish Date: 11/21/1989 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 00  
Action Code: NP  
Action Name: PROPOSED  
SEQ: 1  
Start Date: 1989-07-14 04:00:00  
Finish Date: 7/14/1989 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 04  
Site ID: 0404152

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 20  
Action Code: LX  
Action Name: FF RD  
SEQ: 13  
Start Date: 1997-01-23 05:00:00  
Finish Date: 1/23/1997 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 10  
Action Code: LY  
Action Name: FF RA  
SEQ: 11  
Start Date: 1996-07-15 04:00:00  
Finish Date: 11/30/1996 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 26  
Action Code: LY  
Action Name: FF RA  
SEQ: 12  
Start Date: 1996-08-05 04:00:00  
Finish Date: 5/30/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 26  
Action Code: RO  
Action Name: ROD  
SEQ: 36  
Start Date: 1996-02-21 05:00:00  
Finish Date: 2/21/1996 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 28  
Action Code: RO  
Action Name: ROD  
SEQ: 25  
Start Date: 2002-05-02 04:00:00  
Finish Date: 5/2/2002 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 02  
Action Code: LX  
Action Name: FF RD  
SEQ: 2  
Start Date: 1992-08-31 04:00:00  
Finish Date: 11/25/1992 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 06  
Action Code: LX  
Action Name: FF RD  
SEQ: 6  
Start Date: 1993-02-16 05:00:00  
Finish Date: 5/4/1993 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 41  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 41  
Start Date: 1995-05-12 04:00:00  
Finish Date: 7/7/1998 4:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	39
Action Code:	LV
Action Name:	FF RV
SEQ:	2
Start Date:	1996-09-12 04:00:00
Finish Date:	10/5/1998 4:00:00 AM
Qual:	C
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	38
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	27
Start Date:	1991-12-30 05:00:00
Finish Date:	9/29/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-01-01 05:00:00
Finish Date:	1/1/1984 5:00:00 AM
Qual:	L
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	13
Action Code:	LX
Action Name:	FF RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	73
Start Date:	2005-02-15 05:00:00
Finish Date:	6/14/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LY
Action Name:	FF RA
SEQ:	85
Start Date:	2006-04-12 04:00:00
Finish Date:	9/29/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	17
Action Code:	LY
Action Name:	FF RA
SEQ:	4
Start Date:	1993-08-31 04:00:00
Finish Date:	8/17/1994 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	32
Action Code:	LY
Action Name:	FF RA
SEQ:	29
Start Date:	2002-06-01 04:00:00
Finish Date:	1/5/2004 5:00:00 AM
Qual:	FR
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 32  
Start Date: 2001-05-16 04:00:00  
Finish Date: 9/6/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 08  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 9  
Start Date: 1990-06-05 04:00:00  
Finish Date: 10/6/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 20  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 23  
Start Date: 1990-07-16 04:00:00  
Finish Date: 1/23/1997 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 33  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 32  
Start Date: 1986-10-25 04:00:00  
Finish Date: 9/2/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 14  
Action Code: LX  
Action Name: FF RD  
SEQ: 16  
Start Date: 1997-11-03 05:00:00  
Finish Date: 5/12/1998 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 08  
Action Code: LX  
Action Name: FF RD  
SEQ: 4  
Start Date: 1993-03-31 05:00:00  
Finish Date: 7/13/1993 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 06  
Action Code: LX  
Action Name: FF RD  
SEQ: 8  
Start Date: 1993-11-24 05:00:00  
Finish Date: 3/29/1994 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 26  
Action Code: LX  
Action Name: FF RD  
SEQ: 12  
Start Date: 1996-02-21 05:00:00  
Finish Date: 6/4/1996 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 13  
Action Code: LX  
Action Name: FF RD  
SEQ: 31  
Start Date: 1999-11-02 05:00:00  
Finish Date: 2/8/2001 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LX  
Action Name: FF RD  
SEQ: 32  
Start Date: 2003-03-27 05:00:00  
Finish Date: 5/27/2005 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 28  
Action Code: LV  
Action Name: FF RV  
SEQ: 20  
Start Date: 1997-12-22 05:00:00  
Finish Date: 2/23/1999 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 32  
Action Code: LV  
Action Name: FF RV  
SEQ: 22  
Start Date: 1998-06-25 04:00:00  
Finish Date: 8/31/2001 4:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual: P  
Current Action Lead: Fed Fac  
  
Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 37  
Action Code: LY  
Action Name: FF RA  
SEQ: 51  
Start Date: 2001-02-05 05:00:00  
Finish Date: 2/18/2003 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 09  
Action Code: LV  
Action Name: FF RV  
SEQ: 17  
Start Date: 1997-09-29 04:00:00  
Finish Date: 3/31/2005 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 00  
Action Code: TG  
Action Name: TA GRANT  
SEQ: 1  
Start Date: 1998-12-31 05:00:00  
Finish Date: 12/12/2003 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	40
Start Date:	2004-04-13 04:00:00
Finish Date:	4/10/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	05
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	8
Start Date:	1990-03-31 05:00:00
Finish Date:	9/21/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	45
Action Code:	LV
Action Name:	FF RV
SEQ:	38
Start Date:	2000-10-11 04:00:00
Finish Date:	2/18/2003 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	44
Action Code:	LV
Action Name:	FF RV
SEQ:	41
Start Date:	2004-10-07 04:00:00
Finish Date:	8/25/2009 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU:	13
Action Code:	LY
Action Name:	FF RA
SEQ:	84
Start Date:	2005-06-14 04:00:00
Finish Date:	4/21/2006 4:00:00 AM
Qual:	IR
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LY
Action Name:	FF RA
SEQ:	83
Start Date:	2004-06-11 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LY
Action Name:	FF RA
SEQ:	82
Start Date:	2003-10-22 04:00:00
Finish Date:	8/31/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	22
Action Code:	LY
Action Name:	FF RA
SEQ:	50
Start Date:	2002-06-10 04:00:00
Finish Date:	11/28/2003 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 07  
Action Code: NI  
Action Name: FF FS  
SEQ: 1  
Start Date: 1998-10-01 04:00:00  
Finish Date: 10/8/1998 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LX  
Action Name: FF RD  
SEQ: 74  
Start Date: 2005-02-25 05:00:00  
Finish Date: 6/23/2005 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 36  
Action Code: LV  
Action Name: FF RV  
SEQ: 63  
Start Date: 2003-12-01 05:00:00  
Finish Date: 8/18/2005 4:00:00 AM  
Qual: C  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: EE  
Action Name: EE/CA  
SEQ: 4  
Start Date: 2001-01-19 05:00:00  
Finish Date: 7/3/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 37  
Start Date: 2002-01-28 05:00:00  
Finish Date: 3/7/2006 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LY  
Action Name: FF RA  
SEQ: 81  
Start Date: 2005-03-08 05:00:00  
Finish Date: 1/5/2006 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LX  
Action Name: FF RD  
SEQ: 76  
Start Date: 2005-06-22 04:00:00  
Finish Date: 9/21/2005 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 86  
Start Date: 2006-11-30 05:00:00  
Finish Date: 3/7/2013 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	09
Action Code:	LV
Action Name:	FF RV
SEQ:	61
Start Date:	2006-04-28 04:00:00
Finish Date:	6/1/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	09
Action Code:	LV
Action Name:	FF RV
SEQ:	62
Start Date:	2006-04-28 04:00:00
Finish Date:	6/1/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LX
Action Name:	FF RD
SEQ:	77
Start Date:	2005-06-23 04:00:00
Finish Date:	9/7/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LX
Action Name:	FF RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	68
Start Date:	2003-12-08 05:00:00
Finish Date:	2/25/2004 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	41
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1996-08-06 04:00:00
Finish Date:	1/15/2002 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	10
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	14
Start Date:	1990-06-05 04:00:00
Finish Date:	8/17/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	37
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	5
Start Date:	1992-12-31 05:00:00
Finish Date:	1/23/1998 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: 1987-10-15 04:00:00  
Finish Date: 10/15/1987 4:00:00 AM  
Qual: H  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: NI  
Action Name: FF FS  
SEQ: 2  
Start Date: 2003-09-30 04:00:00  
Finish Date: 6/30/2004 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: RO  
Action Name: ROD  
SEQ: 77  
Start Date: 2004-12-17 05:00:00  
Finish Date: 4/19/2005 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 44  
Start Date: 2003-09-30 04:00:00  
Finish Date: 7/28/2010 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 46  
Action Code: EE  
Action Name: EE/CA  
SEQ: 5  
Start Date: 1997-04-04 05:00:00  
Finish Date: 6/30/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 52  
Start Date: 2006-08-17 04:00:00  
Finish Date: 9/28/2007 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 67  
Start Date: 2003-09-30 04:00:00  
Finish Date: 5/23/2008 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LX  
Action Name: FF RD  
SEQ: 71  
Start Date: 2004-04-08 04:00:00  
Finish Date: 6/30/2004 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LX  
Action Name: FF RD  
SEQ: 72  
Start Date: 2005-09-01 04:00:00  
Finish Date: 9/7/2005 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 69  
Start Date: 2003-09-30 04:00:00  
Finish Date: 9/28/2007 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 53  
Start Date: 2005-09-16 04:00:00  
Finish Date: 8/29/2007 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 54  
Start Date: 2004-07-26 04:00:00  
Finish Date: 5/24/2007 4:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	55
Start Date:	2007-06-28 04:00:00
Finish Date:	9/7/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	56
Start Date:	2004-11-16 05:00:00
Finish Date:	3/29/2006 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	47
Action Code:	LV
Action Name:	FF RV
SEQ:	70
Start Date:	2009-03-03 05:00:00
Finish Date:	3/3/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	71
Start Date:	2003-09-30 04:00:00
Finish Date:	9/28/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	27
Action Code:	LY
Action Name:	FF RA
SEQ:	77
Start Date:	1995-12-28 05:00:00
Finish Date:	12/28/1995 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LY
Action Name:	FF RA
SEQ:	66
Start Date:	2002-06-03 04:00:00
Finish Date:	9/6/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LY
Action Name:	FF RA
SEQ:	67
Start Date:	2003-08-25 04:00:00
Finish Date:	10/31/2006 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU: 29  
Action Code: LX  
Action Name: FF RD  
SEQ: 61  
Start Date: 2003-12-31 05:00:00  
Finish Date: 5/27/2004 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 69  
Start Date: 2001-05-16 04:00:00  
Finish Date: 2/13/2003 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 70  
Start Date: 2001-04-30 04:00:00  
Finish Date: 7/12/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LX  
Action Name: FF RD  
SEQ: 62  
Start Date: 2002-09-30 04:00:00  
Finish Date: 5/6/2003 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 39  
Action Code: LV  
Action Name: FF RV  
SEQ: 32  
Start Date: 1999-09-30 04:00:00  
Finish Date: 9/28/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 71  
Start Date: 2001-06-27 04:00:00  
Finish Date: 9/26/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LX  
Action Name: FF RD  
SEQ: 64  
Start Date: 2003-05-01 04:00:00  
Finish Date: 10/30/2003 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 51  
Action Code: LX  
Action Name: FF RD  
SEQ: 66  
Start Date: 2003-10-20 04:00:00  
Finish Date: 5/10/2004 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 72  
Start Date: 2003-03-26 05:00:00  
Finish Date: 7/27/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LX  
Action Name: FF RD  
SEQ: 65  
Start Date: 2004-05-30 04:00:00  
Finish Date: 9/22/2004 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 73  
Start Date: 2006-01-09 05:00:00  
Finish Date: 8/11/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 92  
Start Date: 2001-04-30 04:00:00  
Finish Date: 8/23/2007 4:00:00 AM



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	74
Start Date:	2004-02-20 05:00:00
Finish Date:	10/11/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	50
Action Code:	NI
Action Name:	FF FS
SEQ:	3
Start Date:	2003-09-25 04:00:00
Finish Date:	4/21/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	50
Action Code:	RO
Action Name:	ROD
SEQ:	79
Start Date:	2006-04-21 04:00:00
Finish Date:	4/21/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	68
Start Date:	2003-09-30 04:00:00
Finish Date:	6/9/2008 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	48
Start Date:	2003-09-30 04:00:00
Finish Date:	8/3/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	50
Start Date:	2003-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	89
Start Date:	2005-10-01 04:00:00
Finish Date:	3/29/2006 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 90  
Start Date: 2006-03-07 05:00:00  
Finish Date: 10/2/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 72  
Start Date: 2004-03-16 05:00:00  
Finish Date: 6/5/2007 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 42  
Start Date: 2004-03-16 05:00:00  
Finish Date: 1/26/2006 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 13  
Action Code: LX  
Action Name: FF RD  
SEQ: 63  
Start Date: 2004-03-26 05:00:00  
Finish Date: 7/22/2004 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 12  
Action Code: LV  
Action Name: FF RV  
SEQ: 26  
Start Date: 1997-07-29 04:00:00  
Finish Date: 9/28/1998 4:00:00 AM  
Qual: S  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 45  
Action Code: LV  
Action Name: FF RV  
SEQ: 55  
Start Date: 2000-10-11 04:00:00  
Finish Date: 12/20/2006 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 37  
Action Code: LY  
Action Name: FF RA  
SEQ: 75  
Start Date: 2001-02-05 05:00:00  
Finish Date: 10/21/2003 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: LY  
Action Name: FF RA  
SEQ: 76  
Start Date: 2003-02-03 05:00:00  
Finish Date: 9/26/2006 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 42  
Action Code: LV  
Action Name: FF RV  
SEQ: 29  
Start Date: 1999-08-23 04:00:00  
Finish Date: 6/1/2006 4:00:00 AM  
Qual: C  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 36  
Start Date: 2000-08-30 04:00:00  
Finish Date: 9/1/2004 4:00:00 AM  
Qual: S  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 16  
Start Date: 1990-09-14 04:00:00  
Finish Date: 11/8/2002 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 09  
Action Code: EE  
Action Name: EE/CA  
SEQ: 2  
Start Date: 1999-07-02 04:00:00  
Finish Date: 2/7/2000 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	35
Action Code:	LV
Action Name:	FF RV
SEQ:	33
Start Date:	1999-10-29 04:00:00
Finish Date:	8/15/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	49
Action Code:	LV
Action Name:	FF RV
SEQ:	46
Start Date:	2001-09-14 04:00:00
Finish Date:	Not reported
Qual:	C
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	48
Action Code:	LV
Action Name:	FF RV
SEQ:	47
Start Date:	2002-08-20 04:00:00
Finish Date:	9/17/2002 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	73
Start Date:	2003-09-30 04:00:00
Finish Date:	9/29/2008 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LX
Action Name:	FF RD
SEQ:	67
Start Date:	2003-05-15 04:00:00
Finish Date:	1/29/2004 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	53
Start Date:	2003-09-30 04:00:00
Finish Date:	1/30/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	EE
Action Name:	EE/CA
SEQ:	3
Start Date:	1999-09-30 04:00:00
Finish Date:	2/7/2000 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU:	13
Action Code:	LY
Action Name:	FF RA
SEQ:	79
Start Date:	2004-07-26 04:00:00
Finish Date:	7/11/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LY
Action Name:	FF RA
SEQ:	80
Start Date:	2005-03-14 05:00:00
Finish Date:	9/29/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LX
Action Name:	FF RD
SEQ:	69
Start Date:	2004-05-28 04:00:00
Finish Date:	10/4/2004 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	00
Action Code:	LV
Action Name:	FF RV
SEQ:	75
Start Date:	2004-03-16 05:00:00
Finish Date:	6/5/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 83  
Start Date: 2003-09-30 04:00:00  
Finish Date: 2/9/2009 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 13  
Action Code: LY  
Action Name: FF RA  
SEQ: 113  
Start Date: 2009-06-30 05:00:00  
Finish Date: 11/10/2010 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 82  
Start Date: 2003-09-30 04:00:00  
Finish Date: 2/23/2009 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 41  
Action Code: LY  
Action Name: FF RA  
SEQ: 103  
Start Date: 1999-12-31 05:00:00  
Finish Date: 10/6/2008 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LY  
Action Name: FF RA  
SEQ: 115  
Start Date: 2009-10-22 04:00:00  
Finish Date: 8/26/2010 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 102  
Start Date: 2007-06-12 04:00:00  
Finish Date: 9/8/2007 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 79  
Start Date: 2008-12-16 05:00:00  
Finish Date: 6/29/2010 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 105  
Start Date: 2008-07-28 05:00:00  
Finish Date: 12/20/2011 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	104
Start Date:	2008-09-02 04:00:00
Finish Date:	3/31/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	28
Action Code:	LY
Action Name:	FF RA
SEQ:	106
Start Date:	2011-02-28 05:00:00
Finish Date:	3/21/2013 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	48
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	44
Start Date:	1997-03-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	107
Start Date:	2008-07-30 05:00:00
Finish Date:	10/22/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	119
Start Date:	2011-10-03 04:00:00
Finish Date:	10/3/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	120
Start Date:	2010-08-09 04:00:00
Finish Date:	10/3/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	121
Start Date:	2010-08-09 04:00:00
Finish Date:	10/4/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	88
Start Date:	2003-09-30 04:00:00
Finish Date:	6/30/2009 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	87
Start Date:	2003-09-30 04:00:00
Finish Date:	7/30/2009 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	112
Start Date:	2008-04-22 04:00:00
Finish Date:	3/30/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	129
Start Date:	2010-11-02 04:00:00
Finish Date:	4/12/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 53  
Action Code: LV  
Action Name: FF RV  
SEQ: 97  
Start Date: 1990-11-09 05:00:00  
Finish Date: 9/30/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 13  
Action Code: LY  
Action Name: FF RA  
SEQ: 128  
Start Date: 2011-05-31 05:00:00  
Finish Date: 10/1/2011 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 91  
Start Date: 2011-07-20 05:00:00  
Finish Date: 8/5/2014 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 92  
Start Date: 2011-02-01 05:00:00  
Finish Date: 5/8/2014 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LV  
Action Name: FF RV  
SEQ: 93  
Start Date: 2010-11-01 04:00:00  
Finish Date: 11/18/2013 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LY  
Action Name: FF RA  
SEQ: 127  
Start Date: 2010-05-01 04:00:00  
Finish Date: 5/8/2012 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 50  
Action Code: LY  
Action Name: FF RA  
SEQ: 125  
Start Date: 2011-02-15 05:00:00  
Finish Date: 10/3/2012 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 94  
Start Date: 2003-09-30 04:00:00  
Finish Date: 12/21/2011 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	95
Start Date:	2003-09-30 04:00:00
Finish Date:	6/29/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	116
Start Date:	2011-10-03 04:00:00
Finish Date:	2/7/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	117
Start Date:	2011-05-09 05:00:00
Finish Date:	10/17/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LX
Action Name:	FF RD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	79
Start Date:	2005-10-01 04:00:00
Finish Date:	3/29/2006 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	101
Start Date:	2007-09-12 04:00:00
Finish Date:	9/25/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	46
Action Code:	LV
Action Name:	FF RV
SEQ:	76
Start Date:	2007-03-01 05:00:00
Finish Date:	1/25/2008 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	44
Action Code:	LV
Action Name:	FF RV
SEQ:	77
Start Date:	2008-03-26 04:00:00
Finish Date:	4/22/2008 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU:	44
Action Code:	LV
Action Name:	FF RV
SEQ:	78
Start Date:	2008-04-17 04:00:00
Finish Date:	5/2/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	50
Action Code:	LY
Action Name:	FF RA
SEQ:	99
Start Date:	2010-01-27 05:00:00
Finish Date:	10/7/2011 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	44
Action Code:	LV
Action Name:	FF RV
SEQ:	81
Start Date:	2009-10-01 04:00:00
Finish Date:	5/19/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	100
Start Date:	2007-07-17 04:00:00
Finish Date:	8/29/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 94  
Start Date: 2007-08-07 04:00:00  
Finish Date: 11/7/2008 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 96  
Start Date: 2007-10-01 04:00:00  
Finish Date: 6/9/2008 5:00:00 AM  
Qual: IR  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 95  
Start Date: 2007-12-13 05:00:00  
Finish Date: 4/4/2008 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 84  
Start Date: 2010-06-23 05:00:00  
Finish Date: 3/20/2012 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 85  
Start Date: 2003-09-30 04:00:00  
Finish Date: 5/18/2011 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 86  
Start Date: 2003-09-30 04:00:00  
Finish Date: 4/6/2010 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 111  
Start Date: 2005-10-01 04:00:00  
Finish Date: 11/19/2010 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LV  
Action Name: FF RV  
SEQ: 89  
Start Date: 2009-12-03 05:00:00  
Finish Date: 8/26/2011 4:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LV
Action Name:	FF RV
SEQ:	90
Start Date:	2009-07-30 05:00:00
Finish Date:	4/22/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	114
Start Date:	2009-10-22 04:00:00
Finish Date:	8/24/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	23
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	20
Start Date:	1991-01-14 05:00:00
Finish Date:	9/21/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	20
Action Code:	LY
Action Name:	FF RA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	14
Start Date:	1997-01-23 05:00:00
Finish Date:	1/23/1997 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	17
Action Code:	LX
Action Name:	FF RD
SEQ:	5
Start Date:	1993-03-31 05:00:00
Finish Date:	7/16/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	37
Action Code:	LX
Action Name:	FF RD
SEQ:	15
Start Date:	1997-08-17 04:00:00
Finish Date:	3/23/1998 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	08
Action Code:	LY
Action Name:	FF RA
SEQ:	6
Start Date:	1993-11-01 05:00:00
Finish Date:	9/19/1994 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU: 30  
Action Code: RO  
Action Name: ROD  
SEQ: 49  
Start Date: 2002-05-02 04:00:00  
Finish Date: 5/2/2002 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 32  
Action Code: RO  
Action Name: ROD  
SEQ: 44  
Start Date: 2000-06-16 04:00:00  
Finish Date: 6/16/2000 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 22  
Action Code: RO  
Action Name: ROD  
SEQ: 41  
Start Date: 2000-01-13 05:00:00  
Finish Date: 1/13/2000 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 24  
Action Code: RO  
Action Name: ROD  
SEQ: 11  
Start Date: 1995-09-29 04:00:00  
Finish Date: 9/29/1995 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 29  
Action Code: RO  
Action Name: ROD  
SEQ: 48  
Start Date: 2000-09-21 04:00:00  
Finish Date: 9/21/2000 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 03  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 3  
Start Date: 1989-12-29 05:00:00  
Finish Date: 9/19/1991 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 04  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 7  
Start Date: 1990-03-31 05:00:00  
Finish Date: 9/23/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 06  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 6  
Start Date: 1990-03-31 05:00:00  
Finish Date: 9/30/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 01  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 2  
Start Date: 1989-12-29 05:00:00  
Finish Date: 6/28/1991 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 08  
Action Code: RO  
Action Name: ROD  
SEQ: 6  
Start Date: 1992-10-06 04:00:00  
Finish Date: 10/6/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 22  
Action Code: LX  
Action Name: FF RD  
SEQ: 56  
Start Date: 1999-02-05 05:00:00  
Finish Date: 5/11/2000 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 100  
Start Date: 2013-12-31 05:00:00  
Finish Date: 8/6/2015 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	50
Action Code:	LY
Action Name:	FF RA
SEQ:	131
Start Date:	2012-09-30 04:00:00
Finish Date:	10/30/2013 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	132
Start Date:	2012-02-01 05:00:00
Finish Date:	10/31/2013 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	28
Action Code:	LV
Action Name:	FF RV
SEQ:	102
Start Date:	2012-06-30 05:00:00
Finish Date:	11/5/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	154
Start Date:	2011-01-04 05:00:00
Finish Date:	3/7/2014 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	11
Action Code:	RO
Action Name:	ROD
SEQ:	9
Start Date:	1994-09-12 04:00:00
Finish Date:	9/12/1994 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	14
Action Code:	RO
Action Name:	ROD
SEQ:	18
Start Date:	1997-09-24 04:00:00
Finish Date:	9/24/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	40
Action Code:	LV
Action Name:	FF RV
SEQ:	11
Start Date:	1996-02-12 05:00:00
Finish Date:	1/16/1997 5:00:00 AM
Qual:	P
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU: 41  
Action Code: LV  
Action Name: FF RV  
SEQ: 10  
Start Date: 1995-07-28 04:00:00  
Finish Date: 12/2/1996 5:00:00 AM  
Qual: P  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 41  
Action Code: RO  
Action Name: ROD  
SEQ: 53  
Start Date: 1998-07-07 04:00:00  
Finish Date: 7/7/1998 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 00  
Action Code: LZ  
Action Name: FF CR  
SEQ: 1  
Start Date: 2010-07-31 05:00:00  
Finish Date: 4/20/2011 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 06  
Action Code: LY  
Action Name: FF RA  
SEQ: 5  
Start Date: 1993-08-02 04:00:00  
Finish Date: 6/30/1994 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 28  
Action Code: LY  
Action Name: FF RA  
SEQ: 25  
Start Date: 2004-03-17 05:00:00  
Finish Date: 6/29/2005 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 40  
Action Code: EE  
Action Name: EE/CA  
SEQ: 1  
Start Date: 1995-09-14 04:00:00  
Finish Date: 11/7/1995 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 30  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 35  
Start Date: 1993-10-04 04:00:00  
Finish Date: 5/2/2002 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 28  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 39  
Start Date: 1995-10-01 04:00:00  
Finish Date: 5/2/2002 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 16  
Action Code: LX  
Action Name: FF RD  
SEQ: 7  
Start Date: 1993-10-05 04:00:00  
Finish Date: 3/8/1994 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 41  
Action Code: LV  
Action Name: FF RV  
SEQ: 12  
Start Date: 1996-11-18 05:00:00  
Finish Date: 9/10/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 39  
Action Code: LV  
Action Name: FF RV  
SEQ: 16  
Start Date: 1997-09-03 04:00:00  
Finish Date: 10/5/1998 4:00:00 AM  
Qual: S  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 22  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 19  
Start Date: 1990-12-28 05:00:00  
Finish Date: 1/13/2000 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	18
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	22
Start Date:	1990-05-22 04:00:00
Finish Date:	9/30/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	02
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	4
Start Date:	1989-12-29 05:00:00
Finish Date:	9/19/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	14
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	1
Start Date:	1986-10-25 04:00:00
Finish Date:	9/24/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	16
Action Code:	RO
Action Name:	ROD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	8
Start Date:	1993-09-30 04:00:00
Finish Date:	9/30/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	39
Start Date:	1997-09-23 04:00:00
Finish Date:	9/23/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	RO
Action Name:	ROD
SEQ:	28
Start Date:	2002-11-08 05:00:00
Finish Date:	11/8/2002 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	01
Action Code:	LX
Action Name:	FF RD
SEQ:	1
Start Date:	1991-06-28 04:00:00
Finish Date:	6/1/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

OU: 03  
Action Code: LX  
Action Name: FF RD  
SEQ: 3  
Start Date: 1991-09-30 04:00:00  
Finish Date: 6/17/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 01  
Action Code: LY  
Action Name: FF RA  
SEQ: 1  
Start Date: 1991-10-01 04:00:00  
Finish Date: 9/16/1993 4:00:00 AM  
Qual: U  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 03  
Action Code: LY  
Action Name: FF RA  
SEQ: 3  
Start Date: 1991-11-01 05:00:00  
Finish Date: 3/8/1995 5:00:00 AM  
Qual: U  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 16  
Action Code: LY  
Action Name: FF RA  
SEQ: 7  
Start Date: 1994-07-13 04:00:00  
Finish Date: 8/3/1995 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 33  
Action Code: LY  
Action Name: FF RA  
SEQ: 44  
Start Date: 1997-11-18 05:00:00  
Finish Date: 8/16/2002 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 06  
Action Code: LY  
Action Name: FF RA  
SEQ: 8  
Start Date: 1995-05-15 04:00:00  
Finish Date: 9/26/1996 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 93  
Start Date: 2006-09-28 04:00:00  
Finish Date: 2/6/2007 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 10  
Action Code: LX  
Action Name: FF RD  
SEQ: 54  
Start Date: 1996-08-01 04:00:00  
Finish Date: 10/7/1996 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 35  
Action Code: LV  
Action Name: FF RV  
SEQ: 15  
Start Date: 1998-09-17 04:00:00  
Finish Date: 12/3/2001 5:00:00 AM  
Qual: C  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 27  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 31  
Start Date: 1991-10-02 04:00:00  
Finish Date: 12/28/1995 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 32  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 34  
Start Date: 1993-09-30 04:00:00  
Finish Date: 6/16/2000 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 40  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 38  
Start Date: 1994-12-22 05:00:00  
Finish Date: 9/21/2000 4:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	27
Action Code:	RO
Action Name:	ROD
SEQ:	34
Start Date:	1995-12-28 05:00:00
Finish Date:	12/28/1995 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	10
Action Code:	LY
Action Name:	FF RA
SEQ:	48
Start Date:	1997-02-21 05:00:00
Finish Date:	9/30/1998 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	28
Action Code:	LX
Action Name:	FF RD
SEQ:	23
Start Date:	2002-05-02 04:00:00
Finish Date:	9/29/2003 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	04
Action Code:	LY
Action Name:	FF RA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	24
Start Date:	1997-11-18 05:00:00
Finish Date:	11/18/1997 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	24
Action Code:	LY
Action Name:	FF RA
SEQ:	10
Start Date:	1996-04-10 04:00:00
Finish Date:	8/15/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	42
Action Code:	RO
Action Name:	ROD
SEQ:	76
Start Date:	1997-07-10 04:00:00
Finish Date:	7/10/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	19
Action Code:	LV
Action Name:	FF RV
SEQ:	30
Start Date:	1999-05-14 04:00:00
Finish Date:	5/2/2001 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

OU:	16
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	17
Start Date:	1990-09-18 04:00:00
Finish Date:	9/30/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	25
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	24
Start Date:	1986-10-25 04:00:00
Finish Date:	9/21/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	37
Action Code:	RO
Action Name:	ROD
SEQ:	37
Start Date:	1998-01-23 05:00:00
Finish Date:	1/23/1998 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	24
Action Code:	LX
Action Name:	FF RD
SEQ:	10
Start Date:	1995-09-29 04:00:00
Finish Date:	10/16/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 09  
Action Code: LV  
Action Name: FF RV  
SEQ: 3  
Start Date: 1997-06-13 04:00:00  
Finish Date: 9/21/1998 4:00:00 AM  
Qual: C  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 21  
Action Code: LV  
Action Name: FF RV  
SEQ: 4  
Start Date: 1997-10-17 04:00:00  
Finish Date: 5/17/1999 4:00:00 AM  
Qual: P  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 17  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 18  
Start Date: 1990-09-18 04:00:00  
Finish Date: 10/6/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 19  
Action Code: LV  
Action Name: FF RV  
SEQ: 5  
Start Date: 1994-03-30 05:00:00  
Finish Date: 1/11/1995 5:00:00 AM  
Qual: S  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 33  
Action Code: RO  
Action Name: ROD  
SEQ: 59  
Start Date: 1997-09-02 04:00:00  
Finish Date: 9/2/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 04  
Action Code: LX  
Action Name: FF RD  
SEQ: 19  
Start Date: 1997-11-18 05:00:00  
Finish Date: 11/18/1997 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 10  
Action Code: LX  
Action Name: FF RD  
SEQ: 11  
Start Date: 1995-10-10 04:00:00  
Finish Date: 4/10/1996 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 37  
Action Code: LY  
Action Name: FF RA  
SEQ: 16  
Start Date: 1999-04-05 04:00:00  
Finish Date: 1/27/2000 5:00:00 AM



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	11
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	40
Start Date:	1990-01-03 05:00:00
Finish Date:	9/12/1994 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	19
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	21
Start Date:	1986-10-25 04:00:00
Finish Date:	9/21/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	33
Action Code:	LX
Action Name:	FF RD
SEQ:	28
Start Date:	1997-07-15 04:00:00
Finish Date:	10/15/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	41
Action Code:	LX
Action Name:	FF RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	55
Start Date:	1998-06-30 04:00:00
Finish Date:	10/5/1999 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	02
Action Code:	LY
Action Name:	FF RA
SEQ:	2
Start Date:	1992-12-30 05:00:00
Finish Date:	12/20/1993 5:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	13
Action Code:	LY
Action Name:	FF RA
SEQ:	30
Start Date:	2001-05-30 04:00:00
Finish Date:	5/14/2002 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	14
Action Code:	LY
Action Name:	FF RA
SEQ:	17
Start Date:	1998-08-07 04:00:00
Finish Date:	5/13/2004 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU:	28
Action Code:	LV
Action Name:	FF RV
SEQ:	27
Start Date:	1998-06-19 04:00:00
Finish Date:	2/23/1999 5:00:00 AM
Qual:	C
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	07
Action Code:	LV
Action Name:	FF RV
SEQ:	13
Start Date:	1997-03-04 05:00:00
Finish Date:	12/5/1997 5:00:00 AM
Qual:	P
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	17
Action Code:	RO
Action Name:	ROD
SEQ:	5
Start Date:	1992-10-06 04:00:00
Finish Date:	10/6/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	10
Action Code:	RO
Action Name:	ROD
SEQ:	10
Start Date:	1995-08-17 04:00:00
Finish Date:	8/17/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 39  
Action Code: LV  
Action Name: FF RV  
SEQ: 28  
Start Date: 1999-05-26 04:00:00  
Finish Date: 8/31/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 41  
Action Code: LV  
Action Name: FF RV  
SEQ: 9  
Start Date: 1995-05-12 04:00:00  
Finish Date: 8/11/1997 4:00:00 AM  
Qual: S  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 35  
Action Code: LV  
Action Name: FF RV  
SEQ: 7  
Start Date: 1994-11-10 05:00:00  
Finish Date: 8/2/1995 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 26  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 30  
Start Date: 1992-08-31 04:00:00  
Finish Date: 2/21/1996 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 02  
Action Code: RO  
Action Name: ROD  
SEQ: 2  
Start Date: 1991-09-19 04:00:00  
Finish Date: 9/19/1991 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 03  
Action Code: RO  
Action Name: ROD  
SEQ: 3  
Start Date: 1991-09-19 04:00:00  
Finish Date: 9/19/1991 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 06  
Action Code: RO  
Action Name: ROD  
SEQ: 7  
Start Date: 1992-09-30 04:00:00  
Finish Date: 9/30/1992 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 20  
Action Code: RO  
Action Name: ROD  
SEQ: 74  
Start Date: 1997-01-23 05:00:00  
Finish Date: 1/23/1997 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1991-06-28 04:00:00
Finish Date:	6/28/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	18
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	1992-09-30 04:00:00
Finish Date:	9/30/1992 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	29
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	29
Start Date:	1992-12-02 05:00:00
Finish Date:	9/21/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	35
Action Code:	LW
Action Name:	FF RI/FS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	36
Start Date:	1994-02-02 05:00:00
Finish Date:	5/2/2002 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	13
Action Code:	RO
Action Name:	ROD
SEQ:	40
Start Date:	1999-11-02 05:00:00
Finish Date:	11/2/1999 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	38
Action Code:	RO
Action Name:	ROD
SEQ:	12
Start Date:	1995-09-29 04:00:00
Finish Date:	9/29/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	19
Action Code:	LV
Action Name:	FF RV
SEQ:	6
Start Date:	1994-07-26 04:00:00
Finish Date:	1/11/1995 5:00:00 AM
Qual:	S
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU: 39  
Action Code: LV  
Action Name: FF RV  
SEQ: 8  
Start Date: 1995-02-16 05:00:00  
Finish Date: 8/1/1995 4:00:00 AM  
Qual: S  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 13  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 15  
Start Date: 1990-06-09 04:00:00  
Finish Date: 11/2/1999 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1990-08-22 04:00:00  
Finish Date: 8/22/1990 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 41  
Action Code: LY  
Action Name: FF RA  
SEQ: 49  
Start Date: 1999-04-15 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 133  
Start Date: 2003-09-30 04:00:00  
Finish Date: 7/25/2018 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 157  
Start Date: 2017-03-23 04:00:00  
Finish Date: 11/9/2017 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 44  
Action Code: LV  
Action Name: FF RV  
SEQ: 60  
Start Date: 2004-07-15 04:00:00  
Finish Date: 11/29/2016 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 47  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 42  
Start Date: 2004-06-01 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 88  
Start Date: 2006-09-02 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 52  
Action Code: LV  
Action Name: FF RV  
SEQ: 80  
Start Date: 2019-09-05 05:00:00  
Finish Date: 8/19/2020 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 74  
Start Date: 2003-09-30 04:00:00  
Finish Date: 5/21/2020 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 54  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 45  
Start Date: 2012-10-01 04:00:00  
Finish Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	52
Action Code:	LV
Action Name:	FF RV
SEQ:	101
Start Date:	2012-07-31 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	132
Start Date:	2014-05-06 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	46
Start Date:	2012-03-06 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	175
Start Date:	2019-06-10 05:00:00
Finish Date:	5/29/2020 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	28
Action Code:	LY
Action Name:	FF RA
SEQ:	158
Start Date:	2017-12-05 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	98
Start Date:	2013-03-16 04:00:00
Finish Date:	5/23/2017 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	28
Action Code:	LV
Action Name:	FF RV
SEQ:	137
Start Date:	2020-08-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	130
Start Date:	2017-12-04 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	164
Start Date:	2019-12-03 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	185
Start Date:	2019-10-10 05:00:00
Finish Date:	7/24/2020 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	166
Start Date:	2018-11-16 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 162  
Start Date: 2019-06-17 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 160  
Start Date: 2016-06-13 04:00:00  
Finish Date: 8/28/2019 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 134  
Start Date: 2003-09-30 04:00:00  
Finish Date: 7/11/2019 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 173  
Start Date: 2017-06-15 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 159  
Start Date: 2018-08-01 05:00:00  
Finish Date: 12/17/2019 6:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 183  
Start Date: 2020-07-27 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 174  
Start Date: 2018-07-11 05:00:00  
Finish Date: 6/11/2020 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 172  
Start Date: 2019-06-17 05:00:00  
Finish Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	32
Action Code:	LY
Action Name:	FF RA
SEQ:	179
Start Date:	2018-11-19 06:00:00
Finish Date:	11/6/2019 6:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	180
Start Date:	2017-03-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	161
Start Date:	2010-12-06 05:00:00
Finish Date:	9/30/2019 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	163
Start Date:	2019-09-19 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	41
Action Code:	LV
Action Name:	FF RV
SEQ:	151
Start Date:	2018-12-03 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	165
Start Date:	2019-01-24 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	140
Start Date:	2019-10-04 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	169
Start Date:	2018-02-06 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	LY
Action Name:	FF RA
SEQ:	182
Start Date:	2020-05-21 05:00:00
Finish Date:	6/3/2020 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	177
Start Date:	2016-03-21 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	181
Start Date:	2017-05-01 05:00:00
Finish Date:	6/3/2020 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 52  
Action Code: LV  
Action Name: FF RV  
SEQ: 142  
Start Date: 2020-08-11 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 138  
Start Date: 2011-01-03 05:00:00  
Finish Date: 8/14/2019 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 171  
Start Date: 2020-07-29 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 170  
Start Date: 2018-02-06 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 07  
Action Code: LV  
Action Name: FF RV  
SEQ: 145  
Start Date: 2020-08-04 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 168  
Start Date: 2019-06-18 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 15  
Action Code: LY  
Action Name: FF RA  
SEQ: 184  
Start Date: 2019-10-07 05:00:00  
Finish Date: 7/24/2020 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 07  
Action Code: LV  
Action Name: FF RV  
SEQ: 146  
Start Date: 2019-09-05 05:00:00  
Finish Date: 8/19/2020 5:00:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	189
Start Date:	2020-11-17 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	07
Action Code:	LV
Action Name:	FF RV
SEQ:	154
Start Date:	2020-08-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	187
Start Date:	2020-06-30 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	30
Action Code:	NH
Action Name:	FF RI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

SEQ:	1
Start Date:	2020-06-24 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	28
Action Code:	LV
Action Name:	FF RV
SEQ:	136
Start Date:	2018-03-16 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	43
Action Code:	LV
Action Name:	FF RV
SEQ:	135
Start Date:	2003-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y
OU:	41
Action Code:	LV
Action Name:	FF RV
SEQ:	150
Start Date:	2019-05-15 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0404152
EPA ID:	TN1890090003
Site Name:	OAK RIDGE RESERVATION (USDOE)
NPL:	F
FF:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

OU: 43  
Action Code: LV  
Action Name: FF RV  
SEQ: 139  
Start Date: 2017-07-10 05:00:00  
Finish Date: 11/4/2020 6:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 04  
Site ID: 0404152  
EPA ID: TN1890090003  
Site Name: OAK RIDGE RESERVATION (USDOE)  
NPL: F  
FF: Y  
OU: 07  
Action Code: LV  
Action Name: FF RV  
SEQ: 148  
Start Date: 2020-11-16 06:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

CORRACTS:

Name: U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY  
Address: 1 BETHEL VALLEY ROAD  
Address 2: Not reported  
Area Name: ENTIRE FACILITY  
Corrective Action: CA075HI  
Actual Date: 1996-08-14 00:00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY  
Address: 1 BETHEL VALLEY ROAD  
Address 2: Not reported  
Area Name: WAG 17  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY  
Address: 1 BETHEL VALLEY ROAD  
Address 2: Not reported  
Area Name: WAG 11  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Surface Water Release Indicator:	Y
Name:	U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY
Address:	1 BETHEL VALLEY ROAD
Address 2:	Not reported
Area Name:	WAG 13
Corrective Action:	CA100
Actual Date:	1986-10-26 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Y
Name:	U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY
Address:	1 BETHEL VALLEY ROAD
Address 2:	Not reported
Area Name:	WAG 3
Corrective Action:	CA100
Actual Date:	1986-10-26 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Y
Name:	U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY
Address:	1 BETHEL VALLEY ROAD
Address 2:	Not reported
Area Name:	WAG 8
Corrective Action:	CA100
Actual Date:	1986-10-26 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Y
Name:	U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY
Address:	1 BETHEL VALLEY ROAD
Address 2:	Not reported
Area Name:	WAG 7
Corrective Action:	CA100
Actual Date:	1986-10-26 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Y
Name:	U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY
Address:	1 BETHEL VALLEY ROAD
Address 2:	Not reported
Area Name:	WAG 5
Corrective Action:	CA100
Actual Date:	1986-10-26 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Y



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Name: U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY  
Address: 1 BETHEL VALLEY ROAD  
Address 2: Not reported  
Area Name: WAG 10  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY  
Address: 1 BETHEL VALLEY ROAD  
Address 2: Not reported  
Area Name: WAG 9  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, DEPARTMENT OF ENERGY, OAK RIDGE NATIONAL LABORATORY  
Address: 1 BETHEL VALLEY ROAD  
Address 2: Not reported  
Area Name: K-1064 BURN AREA  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

[Click this hyperlink](#) while viewing on your computer to access  
71 additional CORRACTS: record(s) in the EDR Site Report.

Site:

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
Event Code: Not reported  
Action Taken Date: 05/24/2016  
EPA ID: TN1890090003  
Action Name: ROD Amendment  
Action ID: 5  
Operable Unit: 28  
Contaminated Media: Groundwater  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2016  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Media:

EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	06/28/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	06/28/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Liquid Waste
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	2
Operable Unit:	29
Action Name:	Explanation of Significant Differences

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action Taken Date:	02/26/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2004
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	2
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	02/26/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2004
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	02/26/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2004
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	2
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	02/26/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Fiscal Year:	2004
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Debris
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Debris
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 4  
Operable Unit: 29  
Action Name: Explanation of Significant Differences  
Action Taken Date: 11/15/2004  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2005  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 4  
Operable Unit: 29  
Action Name: Explanation of Significant Differences  
Action Taken Date: 11/15/2004  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2005  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 5  
Operable Unit: 28  
Action Name: ROD Amendment  
Action Taken Date: 05/24/2016  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2016  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 5  
Operable Unit: 28  
Action Name: ROD Amendment  
Action Taken Date: 05/24/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	06/28/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Debris
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	4
Operable Unit:	29
Action Name:	Explanation of Significant Differences
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contaminated Media: Solid Waste  
Action ID: 5  
Operable Unit: 13  
Action Name: Explanation of Significant Differences  
Action Taken Date: 02/07/2005  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2005  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Buildings/Structures  
Action ID: 6  
Operable Unit: 29  
Action Name: Explanation of Significant Differences  
Action Taken Date: 11/30/2005  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2006  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Buildings/Structures  
Action ID: 7  
Operable Unit: 29  
Action Name: Explanation of Significant Differences  
Action Taken Date: 01/10/2007  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2007  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 8  
Operable Unit: 41  
Action Name: Explanation of Significant Differences  
Action Taken Date: 05/23/2007  
Event Code: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2007
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	9
Operable Unit:	13
Action Name:	Explanation of Significant Differences
Action Taken Date:	06/29/2010
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2010
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	10
Operable Unit:	30
Action Name:	Explanation of Significant Differences
Action Taken Date:	10/05/2010
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2011
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	11
Operable Unit:	28
Action Name:	Explanation of Significant Differences
Action Taken Date:	09/19/2012
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2012
NPL Status:	Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	11
Operable Unit:	28
Action Name:	Explanation of Significant Differences
Action Taken Date:	09/19/2012
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2012
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	11
Operable Unit:	28
Action Name:	Explanation of Significant Differences
Action Taken Date:	09/19/2012
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2012
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Liquid Waste
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sludge

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sludge
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Buildings/Structures
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	11
Operable Unit:	28
Action Name:	Explanation of Significant Differences
Action Taken Date:	09/19/2012
Event Code:	Not reported
Contact Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2012
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment
Action ID:	11
Operable Unit:	28
Action Name:	Explanation of Significant Differences
Action Taken Date:	09/19/2012
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2012
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	11
Operable Unit:	28
Action Name:	Explanation of Significant Differences
Action Taken Date:	09/19/2012
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2012
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	2
Operable Unit:	29
Action Name:	ROD Amendment
Action Taken Date:	11/15/2004
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	5
Operable Unit:	28
Action Name:	ROD Amendment
Action Taken Date:	05/24/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	5
Operable Unit:	28
Action Name:	ROD Amendment
Action Taken Date:	05/24/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	5
Operable Unit:	28
Action Name:	ROD Amendment
Action Taken Date:	05/24/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 06/28/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Liquid Waste  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Liquid Waste  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Buildings/Structures  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 3  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sludge
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sludge
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/19/1991
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1991
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Surface Water
Action ID:	37
Operable Unit:	37
Action Name:	Record of Decision
Action Taken Date:	01/23/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Liquid Waste
Action ID:	3
Operable Unit:	03



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action Name: Record of Decision  
Action Taken Date: 09/19/1991  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1991  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 4  
Operable Unit: 18  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 5  
Operable Unit: 17  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 5  
Operable Unit: 17  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 5  
Operable Unit: 17  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 5  
Operable Unit: 17  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 5  
Operable Unit: 17  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 6  
Operable Unit: 08  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 6  
Operable Unit: 08  
Action Name: Record of Decision  
Action Taken Date: 10/06/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 7  
Operable Unit: 06  
Action Name: Record of Decision  
Action Taken Date: 09/30/1992  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1992  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 8  
Operable Unit: 16  
Action Name: Record of Decision  
Action Taken Date: 09/30/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contaminated Media: Groundwater  
Action ID: 8  
Operable Unit: 16  
Action Name: Record of Decision  
Action Taken Date: 09/30/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 8  
Operable Unit: 16  
Action Name: Record of Decision  
Action Taken Date: 09/30/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 9  
Operable Unit: 11  
Action Name: Record of Decision  
Action Taken Date: 09/12/1994  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1994  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 8  
Operable Unit: 16  
Action Name: Record of Decision  
Action Taken Date: 09/30/1993  
Event Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 8  
Operable Unit: 16  
Action Name: Record of Decision  
Action Taken Date: 09/30/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 10  
Operable Unit: 10  
Action Name: Record of Decision  
Action Taken Date: 08/17/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 10  
Operable Unit: 10  
Action Name: Record of Decision  
Action Taken Date: 08/17/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	10
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	08/17/1995
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1995
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	10
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	08/17/1995
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1995
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	10
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	08/17/1995
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1995
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action ID: 10  
Operable Unit: 10  
Action Name: Record of Decision  
Action Taken Date: 08/17/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 10  
Operable Unit: 10  
Action Name: Record of Decision  
Action Taken Date: 08/17/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 11  
Operable Unit: 24  
Action Name: Record of Decision  
Action Taken Date: 09/29/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 11  
Operable Unit: 24  
Action Name: Record of Decision  
Action Taken Date: 09/29/1995  
Event Code: Not reported  
Contact Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 12  
Operable Unit: 38  
Action Name: Record of Decision  
Action Taken Date: 09/29/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 12  
Operable Unit: 38  
Action Name: Record of Decision  
Action Taken Date: 09/29/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 18  
Operable Unit: 14  
Action Name: Record of Decision  
Action Taken Date: 09/24/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Surface Water
Action ID:	18
Operable Unit:	14
Action Name:	Record of Decision
Action Taken Date:	09/24/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Debris
Action ID:	18
Operable Unit:	14
Action Name:	Record of Decision
Action Taken Date:	09/24/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment
Action ID:	18
Operable Unit:	14
Action Name:	Record of Decision
Action Taken Date:	09/24/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment
Action ID:	18

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Operable Unit: 14  
Action Name: Record of Decision  
Action Taken Date: 09/24/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 18  
Operable Unit: 14  
Action Name: Record of Decision  
Action Taken Date: 09/24/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 18  
Operable Unit: 14  
Action Name: Record of Decision  
Action Taken Date: 09/24/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 18  
Operable Unit: 14  
Action Name: Record of Decision  
Action Taken Date: 09/24/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 18  
Operable Unit: 14  
Action Name: Record of Decision  
Action Taken Date: 09/24/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	25
Operable Unit:	28
Action Name:	Record of Decision
Action Taken Date:	05/02/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment
Action ID:	25
Operable Unit:	28
Action Name:	Record of Decision
Action Taken Date:	05/02/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	25
Operable Unit:	28
Action Name:	Record of Decision
Action Taken Date:	05/02/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment
Action ID:	25
Operable Unit:	28

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 25  
Operable Unit: 28  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 28  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 11/08/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 34  
Operable Unit: 27  
Action Name: Record of Decision  
Action Taken Date: 12/28/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contaminated Media: Soil  
Action ID: 34  
Operable Unit: 27  
Action Name: Record of Decision  
Action Taken Date: 12/28/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 34  
Operable Unit: 27  
Action Name: Record of Decision  
Action Taken Date: 12/28/1995  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 36  
Operable Unit: 26  
Action Name: Record of Decision  
Action Taken Date: 02/21/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 36  
Operable Unit: 26  
Action Name: Record of Decision  
Action Taken Date: 02/21/1996  
Event Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 36  
Operable Unit: 26  
Action Name: Record of Decision  
Action Taken Date: 02/21/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 36  
Operable Unit: 26  
Action Name: Record of Decision  
Action Taken Date: 02/21/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 36  
Operable Unit: 26  
Action Name: Record of Decision  
Action Taken Date: 02/21/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Surface Water
Action ID:	36
Operable Unit:	26
Action Name:	Record of Decision
Action Taken Date:	02/21/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	36
Operable Unit:	26
Action Name:	Record of Decision
Action Taken Date:	02/21/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Surface Water
Action ID:	36
Operable Unit:	26
Action Name:	Record of Decision
Action Taken Date:	02/21/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action ID: 36  
Operable Unit: 26  
Action Name: Record of Decision  
Action Taken Date: 02/21/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 37  
Operable Unit: 37  
Action Name: Record of Decision  
Action Taken Date: 01/23/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 37  
Operable Unit: 37  
Action Name: Record of Decision  
Action Taken Date: 01/23/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 37  
Operable Unit: 37  
Action Name: Record of Decision  
Action Taken Date: 01/23/1998  
Event Code: Not reported  
Contact Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 37  
Operable Unit: 37  
Action Name: Record of Decision  
Action Taken Date: 01/23/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 37  
Operable Unit: 37  
Action Name: Record of Decision  
Action Taken Date: 01/23/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 37  
Operable Unit: 37  
Action Name: Record of Decision  
Action Taken Date: 01/23/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	37
Operable Unit:	37
Action Name:	Record of Decision
Action Taken Date:	01/23/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Sediment
Action ID:	39
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	09/23/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	40
Operable Unit:	13
Action Name:	Record of Decision
Action Taken Date:	11/02/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	40

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Operable Unit: 13  
Action Name: Record of Decision  
Action Taken Date: 11/02/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 40  
Operable Unit: 13  
Action Name: Record of Decision  
Action Taken Date: 11/02/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 40  
Operable Unit: 13  
Action Name: Record of Decision  
Action Taken Date: 11/02/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 41  
Operable Unit: 22  
Action Name: Record of Decision  
Action Taken Date: 01/13/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 41  
Operable Unit: 22  
Action Name: Record of Decision  
Action Taken Date: 01/13/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 41  
Operable Unit: 22  
Action Name: Record of Decision  
Action Taken Date: 01/13/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 41  
Operable Unit: 22  
Action Name: Record of Decision  
Action Taken Date: 01/13/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	44
Operable Unit:	32
Action Name:	Record of Decision
Action Taken Date:	06/16/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	44
Operable Unit:	32
Action Name:	Record of Decision
Action Taken Date:	06/16/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	48
Operable Unit:	29
Action Name:	Record of Decision
Action Taken Date:	09/21/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	48
Operable Unit:	29

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Surface Water  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 48  
Operable Unit: 29  
Action Name: Record of Decision  
Action Taken Date: 09/21/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contaminated Media: Soil  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sediment  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Debris  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Groundwater  
Action ID: 49  
Operable Unit: 30  
Action Name: Record of Decision  
Action Taken Date: 05/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	49
Operable Unit:	30
Action Name:	Record of Decision
Action Taken Date:	05/02/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	49
Operable Unit:	30
Action Name:	Record of Decision
Action Taken Date:	05/02/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Liquid Waste
Action ID:	53
Operable Unit:	41
Action Name:	Record of Decision
Action Taken Date:	07/07/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Liquid Waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action ID: 53  
Operable Unit: 41  
Action Name: Record of Decision  
Action Taken Date: 07/07/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Other  
Action ID: 53  
Operable Unit: 41  
Action Name: Record of Decision  
Action Taken Date: 07/07/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 59  
Operable Unit: 33  
Action Name: Record of Decision  
Action Taken Date: 09/02/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Sludge  
Action ID: 59  
Operable Unit: 33  
Action Name: Record of Decision  
Action Taken Date: 09/02/1997  
Event Code: Not reported  
Contact Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Soil  
Action ID: 74  
Operable Unit: 20  
Action Name: Record of Decision  
Action Taken Date: 01/23/1997  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 77  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 04/19/2005  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2005  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

EPA ID: TN1890090003  
Contaminated Media: Solid Waste  
Action ID: 77  
Operable Unit: 15  
Action Name: Record of Decision  
Action Taken Date: 04/19/2005  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2005  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	79
Operable Unit:	50
Action Name:	Record of Decision
Action Taken Date:	04/21/2006
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2006
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Solid Waste
Action ID:	79
Operable Unit:	50
Action Name:	Record of Decision
Action Taken Date:	04/21/2006
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2006
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Soil
Action ID:	79
Operable Unit:	50
Action Name:	Record of Decision
Action Taken Date:	04/21/2006
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2006
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	35.924719
Longitude:	-84.390139
EPA ID:	TN1890090003
Contaminated Media:	Groundwater
Action ID:	79

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Operable Unit: 50  
Action Name: Record of Decision  
Action Taken Date: 04/21/2006  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2006  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

**US INST CONTROLS:**

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Explanation of Significant Differences  
Action ID: 10  
Operable Unit: 30  
Actual Date: 10/05/2010  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 8  
Operable Unit: 16  
Actual Date: 09/30/1993  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 11  
Operable Unit: 24  
Actual Date: 09/29/1995  
Contaminated Media: Sediment  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 11  
Operable Unit: 24  
Actual Date: 09/29/1995  
Contaminated Media: Surface Water  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1995  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 25  
Operable Unit: 28  
Actual Date: 05/02/2002  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 25  
Operable Unit: 28  
Actual Date: 05/02/2002  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 28  
Operable Unit: 15  
Actual Date: 11/08/2002  
Contaminated Media: Debris  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 28  
Operable Unit: 15  
Actual Date: 11/08/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 28  
Operable Unit: 15  
Actual Date: 11/08/2002  
Contaminated Media: Sludge  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 28  
Operable Unit: 15  
Actual Date: 11/08/2002  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 28  
Operable Unit: 15  
Actual Date: 11/08/2002  
Contaminated Media: Solid Waste  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2003  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 36  
Operable Unit: 26  
Actual Date: 02/21/1996  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 37  
Operable Unit: 37  
Actual Date: 01/23/1998  
Contaminated Media: Other  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Latitude: 35.924719  
Longitude: -84.390139  
  
Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 37  
Operable Unit: 37  
Actual Date: 01/23/1998  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1998  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 39  
Operable Unit: 04  
Actual Date: 09/23/1997  
Contaminated Media: Other  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 39  
Operable Unit: 04  
Actual Date: 09/23/1997  
Contaminated Media: Sediment  
Event Code: Not reported  
Contact Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 40  
Operable Unit: 13  
Actual Date: 11/02/1999  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 48  
Operable Unit: 29  
Actual Date: 09/21/2000  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action ID: 48  
Operable Unit: 29  
Actual Date: 09/21/2000  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2000  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 49  
Operable Unit: 30  
Actual Date: 05/02/2002  
Contaminated Media: Debris  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 49  
Operable Unit: 30  
Actual Date: 05/02/2002  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 74  
Operable Unit: 20  
Actual Date: 01/23/1997  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 74  
Operable Unit: 20  
Actual Date: 01/23/1997  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 74  
Operable Unit: 20  
Actual Date: 01/23/1997  
Contaminated Media: Surface Water  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 76  
Operable Unit: 42  
Actual Date: 07/10/1997  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 76  
Operable Unit: 42  
Actual Date: 07/10/1997  
Contaminated Media: Surface Water  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1997  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 77  
Operable Unit: 15  
Actual Date: 04/19/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Contaminated Media: Solid Waste  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2005  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 79  
Operable Unit: 50  
Actual Date: 04/21/2006  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2006  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
Action Name: Record of Decision  
Action ID: 79  
Operable Unit: 50  
Actual Date: 04/21/2006  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2006  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 35.924719  
Longitude: -84.390139

2020 COR ACTION:  
EPA ID: TN1890090003  
Region: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OAK RIDGE RESERVATION (USDOE) (Continued)

1000883018

Action: Not reported

ROD:

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU29 MELTON VALLEY WATERSHED  
SEQ ID: 2  
Action Completion: 2004-02-26 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU29 MELTON VALLEY WATERSHED  
SEQ ID: 4  
Action Completion: 2004-11-15 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU13 EMWMF - CERCLA LANDFILL 1  
SEQ ID: 5  
Action Completion: 2005-02-07 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU29 MELTON VALLEY WATERSHED  
SEQ ID: 6  
Action Completion: 2005-11-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU29 MELTON VALLEY WATERSHED  
SEQ ID: 7  
Action Completion: 2007-01-10 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU41 ORNL MSRE & INACTIVE BLDGS  
SEQ ID: 8  
Action Completion: 2007-05-23 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU13 EMWMF - CERCLA LANDFILL 1  
SEQ ID: 9  
Action Completion: 2010-06-29 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD  
Operable Unit Number: OU28 UEFPC WATERSHED  
SEQ ID: 11  
Action Completion: 2012-09-19 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ESD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Operable Unit Number: OU15 K-25 SITE SOILS  
SEQ ID: 12  
Action Completion: 2018-08-23 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: Y-12, CR OU 3 (UNC LF)  
SEQ ID: 1  
Action Completion: 1991-06-28 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: Y-12 MERCURY SUMPS  
SEQ ID: 2  
Action Completion: 1991-09-19 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: K-1407 DRUM STORAGE YARD K 25  
SEQ ID: 3  
Action Completion: 1991-09-19 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: Y-12, PLATING SP CONTAINER ARE  
SEQ ID: 4  
Action Completion: 1992-09-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: ORNL WAG 13 CESIUM PLOTS X-10  
SEQ ID: 5  
Action Completion: 1992-10-06 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: ORNL WAG 11 SCRAP YARD X-10  
SEQ ID: 6  
Action Completion: 1992-10-06 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: K1070 SW31 K-25  
SEQ ID: 7  
Action Completion: 1992-09-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: K-1407 B&C PONDS K-25  
SEQ ID: 8  
Action Completion: 1993-09-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: Y-12 NITRIC ACID PIPE  
SEQ ID: 9  
Action Completion: 1994-09-12 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: LEFPC OU Y-12  
SEQ ID: 10  
Action Completion: 1995-08-17 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: KERR HOLLOW QUARRY  
SEQ ID: 12  
Action Completion: 1995-09-29 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: ORNL WAG 1 SURF IMPOUNDMNT X10  
SEQ ID: 18  
Action Completion: 1997-09-24 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU28 UEFPC WATERSHED  
SEQ ID: 25  
Action Completion: 2002-05-02 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

NPL Status: Final  
Non NPL Status: Not reported  
  
Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU15 K-25 SITE SOILS  
SEQ ID: 28  
Action Completion: 2002-11-08 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: ORAU - SOUTH CAMPUS FAC  
SEQ ID: 34  
Action Completion: 1995-12-28 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: CR OU 2 FCAP,MCCOYBR,ROG Y-12  
SEQ ID: 36  
Action Completion: 1996-02-21 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: K-1070 C/D LF & G-PIT  
SEQ ID: 37  
Action Completion: 1998-01-23 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: CLINCH RIVER Y-12  
SEQ ID: 39  
Action Completion: 1997-09-23 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU13 EMWMF - CERCLA LANDFILL 1  
SEQ ID: 40  
Action Completion: 1999-11-02 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU32 BC VALLEY WATERSHED  
SEQ ID: 44  
Action Completion: 2000-06-16 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU29 MELTON VALLEY WATERSHED  
SEQ ID: 48  
Action Completion: 2000-09-21 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Operable Unit Number: OU30 BETHEL VALLEY WATERSHED  
SEQ ID: 49  
Action Completion: 2002-05-02 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU41 ORNL MSRE & INACTIVE BLDGS  
SEQ ID: 53  
Action Completion: 1998-07-07 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: ORNL WAG1 NS TANK FARM X-10  
SEQ ID: 59  
Action Completion: 1997-09-02 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: BC OU2 RUST SPOIL AREA Y-12  
SEQ ID: 74  
Action Completion: 1997-01-23 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU50 UEFPC SOILS  
SEQ ID: 79  
Action Completion: 2006-04-21 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD Amendment  
Operable Unit Number: OU29 MELTON VALLEY WATERSHED  
SEQ ID: 2  
Action Completion: 2004-11-15 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: FF ROD Amendment  
Operable Unit Number: OU28 UEFPC WATERSHED  
SEQ ID: 5  
Action Completion: 2016-05-24 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: LOWER WATTS BAR Y-12  
SEQ ID: 11  
Action Completion: 1995-09-29 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: K-1070 A BURIAL GROUND K-25  
SEQ ID: 41  
Action Completion: 2000-01-13 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Site ID: 404152  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: UNION VALLEY  
SEQ ID: 76  
Action Completion: 1997-07-10 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: OU15 K-25 SITE SOILS  
SEQ ID: 77  
Action Completion: 2005-04-19 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN1890090003  
RG: 4  
Site ID: 404152  
Action: GOVT ESD  
Operable Unit Number: OU30 BETHEL VALLEY WATERSHED  
SEQ ID: 10  
Action Completion: 2010-10-05 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

**PRP:**

EPAID: TN1890090003  
Name: OAK RIDGE RESERVATION (USDOE)  
Address: BETHEL VALLEY ROAD  
City,State,Zip: OAK RIDGE, TN 37830  
NPL Status: Currently on the Final NPL  
NPL Status Short Name: Not reported  
PRP Name: OAK RIDGE RESERVATION  
PRP Address: P.O. BOX 2001  
PRP City,State,Zip: OAK RIDGE, TN 37831  
Data Type: GENERAL NOTICE  
Action Date: 11/18/1991  
Settlement Code: NJ-1  
Settlement: Not Ltrs

**PADS:**

Name: US DOE OAK RIDGE NATL LAB  
Address: BETHEL VALLEY RD  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37831-6102  
EDR ID: 1000883018  
EPAID: TN1890090003

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**OAK RIDGE RESERVATION (USDOE) (Continued)**

**1000883018**

Region: 4  
 Generator: Y  
 Storer: N  
 Disposer: N  
 Transporter: Y  
 Smelter: N  
 Research Facility: N  
 Mailing Address: PO BOX 2001  
 Mailing Address 2: Not reported  
 Mailing City: OAK RIDGE  
 Mailing State: TN  
 Mailing Zip: 37831-8600  
 Mailing Country: US  
 Owner Name: US DEPT OF ENERGY  
 Certification Date: 04/03/1990  
 Contact Name: J A REAFSYNDER  
 Contact Title: Not reported  
 Contact Telephone: 615-576-0723  
 Contact Text: Not reported  
 Contact Email: Not reported

**1**  
**SW**  
**< 1/8**  
**0.122 mi.**  
**643 ft.**

**EAST TENNESSEE MATERIALS AND ENERGY CORPORATION**  
**2010 HIGHWAY 58, SUITE 1020**  
**OAK RIDGE, TN**

**TN AIRS S108856642**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**766 ft.**

**AIRS:**  
 Name: EAST TENNESSEE MATERIALS AND ENERGY CORPORATION  
 Address: 2010 HIGHWAY 58, SUITE 1020  
 City,State,Zip: OAK RIDGE, TN  
 Facility Id: 73-0166  
 Permit Number: 951624P  
 Type: Construction  
 Permittee Name: Electrochemical Systems, Inc.  
 Status: Exempt  
 Issuance Date: Not reported  
 Expiration Date: Not reported  
 Region: East  
 EFO: Knoxville  
 Activity Description: Not reported  
 Application to NCO: MAY-28-1999  
 SIC Code: Not reported  
 Permit ID: 3780  
 Site ID: 39414  
 FIPS: Not reported  
 Program System Code: Not reported  
 Agency Facility ID: Not reported  
 NIACS Code: Not reported  
 NAICS Description: Not reported  
 Facility Source Type: Not reported  
 Latitude: Not reported  
 Longitude: Not reported  
 Pollutant Code: Not reported  
 Pollutant Description: Not reported  
 Total Emissions: Not reported  
 Emissions Unit of Measure: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS AND ENERGY CORPORATION (Continued)**

**S108856642**

Contact:

Facility ID: 73-0166  
 Category: TM  
 Contact Name: Dr. Josip Caja  
 Contact Address: 9052 Highbridge Drive  
 Contact City: Knoxville  
 Contact State: TN  
 Contact Zip: 37922  
 Contact Telephone: 865 927-6415  
 Contact Email: Not reported  
 Contact Function1: Not reported  
 Contact Function2: Not reported  
 Contact Function3: Billing Person

Facility ID: 73-0166  
 Category: TM  
 Contact Name: Mr. Josip Caja  
 Contact Address: ETPP 2010 Highway 58  
 Contact City: Oak Ridge  
 Contact State: TN  
 Contact Zip: 37830  
 Contact Telephone: 865 927-6415  
 Contact Email: Not reported  
 Contact Function1: Responsible Official  
 Contact Function2: Not reported  
 Contact Function3: Not reported

**A2**  
**NNE**  
**1/8-1/4**  
**0.248 mi.**  
**1310 ft.**

**MATERIALS & ENERGY CORP**  
**EAST TENNESSEE TECHNOLOGY PARK 2010 HWY 58, SUITE**  
**OAK RIDGE, TN 37830**

**TRIS 1023963457**  
**37830MTRLSETENN**

**Site 1 of 3 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**805 ft.**

Facility, Chemical, Releases and Other Waste Management Summary Information:  
 TRI ID: 37830MTRLSETENN  
 Form Type: Form R  
 Reporting year: 2018  
 Trade secret indicator: NO  
 Sanitized indicator: NO  
 Title of certifying official: V.P./GENERAL MANAGER JOSEPH CRIDER  
 Certifying officials signature indicator: ELECTRONIC  
 Date signed: 2019-06-21  
 Name: MATERIALS & ENERGY CORP  
 Address: EAST TENNESSEE TECHNOLOGY PARK 2010 HWY 58, SUITE  
 City,State,Zip: OAK RIDGE, TN 37830  
 BIA code: Not reported  
 Tribe name: Not reported  
 Mailing name: MATERIALS & ENERGY CORP  
 Mailing street: EAST TENNESSEE TECHNOLOGY PARK 2010 HWY 58, SUITE  
 Mailing province: Not reported  
 Mailing City,State,Zip: OAK RIDGE, TN 37830  
 Entire facility ind: YES  
 Partial facility ind: NO  
 Federal facility ind: NO  
 Goco facility ind: NO  
 Assigned fed facility flag: NO

Map ID  
Direction  
Distance  
Elevation

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Public contact name:	RICHARD L. DEVIN
Public contact phone and Ext:	8653768706
Public contact email:	RDEVIN@PERMA-FIX.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	562211
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	35.93111
Longitude:	-84.38749
D and B number A:	Not reported
D and B number B:	Not reported
RCRA number A:	TNR000005397
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	Not reported
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	PERMA-FIX ENVIRONMENTAL SERVICES INC
Parent company D and B number:	792117681
Standardized parent company name:	PERMA-FIX ENVIRONMENTAL SERVICES INC
Document control number:	1318217016738
TRI ID:	37830MTRLSETENN
Cas number:	007439976
Chemical name:	MERCURY
Classification:	PBT
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	01
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	NA
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	0

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ugrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	0
Off-site - storage only:	0



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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	6.2
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	6.2
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	6.2
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015583457
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Waste Rock Quantity: Not reported  
Off Site - POTW Releases 81C: 0  
Off Site - POTW Releases 81D: 0

**Chemical Activities and Uses:**

Cas number: 007439976  
Document control number: 1318217016738  
Chemical name: MERCURY  
Classification: PBT  
Unit of measure: Pounds  
Produce the chemical: No  
Import the chemical: No  
On-site use of the chemical: No  
Sale or distribution of the chemical: No  
As a byproduct: No  
As a manufactured impurity: No  
Used as a reactant: No  
P101 feedstocks: No  
P102 raw materials: No  
P103 intermediates: No  
P104 initiators: No  
P199 other: No  
Added as a formulation component: No  
P201 additives: No  
P202 dyes: No  
P203 reaction diluents: No  
P204 initiators: No  
P205 solvents: No  
P206 inhibitors: No  
P207 emulsifiers: No  
P208 surfactants: No  
P209 lubricants: No  
P210 flame retardants: No  
P211 rheological modifiers: No  
P299 other: No  
Used as an article component: No  
Repackaging: No  
As a process impurity: No  
Processed / recycling: No  
Used as a chemical processing aid: No  
Z101 process solvents: No  
Z102 catalysts: No  
Z103 inhibitors: No  
Z104 initiators: No  
Z105 reaction terminators: No  
Z106 solution buffers: No  
Z199 other: No  
Used as a manufacturing aid: No  
Z201 process lubricants: No  
Z202 metalworking fluids: No  
Z203 coolants: No  
Z204 refrigerants: No  
Z205 hydraulic fluids: No  
Z299 other: No  
Ancillary or other use: Yes  
Z301 cleaner: No  
Z302 degreaser: No  
Z303 lubricant: No

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Z304 fuel: No  
 Z305 flame retardant: No  
 Z306 waste treatment: No  
 Z307 water treatment: No  
 Z308 construction materials: No  
 Z399 other: No

Submitted Facility Name: MATERIALS & ENERGY CORP  
 Submitted Street: E TENNESSEE TECHNOLOGY PARK 2010 HWY 58, SUITE  
 Submitted City: OAK RIDGE  
 Submitted County: ROANE  
 Submitted State: TN  
 Submitted Zip Code: 37830  
 Submitted BIA Code: Not reported  
 Submitted Tribe Name: Not reported  
 Submitted Parent Company Name: PERMA-FIX ENVIRONMENTAL SERVICES INC  
 Submitted Parent Company DB Number: 792117681  
 Submitted Standardized Parent Company Name: PERMA-FIX ENVIRONMENTAL SERVICES INC  
 Submitted Primary NAICS Code: 562211  
 Submitted Industry Code: 562  
 Submitted Industry Name: Hazardous Waste  
 Industry Code: 562  
 Industry Name: Hazardous Waste  
 Last year the facility reported: 2018  
 First year the facility reported: 2002  
 Number of forms submitted: 2  
 Total number of forms submitted: 52 20200808

Detailed Source Reduction Activities and Methods:

Cas number: 007439976  
 Document control number: 1318217016738  
 Chemical name: MERCURY  
 Classification: PBT  
 Unit of measure: Pounds  
 On-site limited releases - prior year: 0  
 On-site limited releases - current year: 0  
 On-site limited releases - following year: 0  
 On-site limited releases - 2nd-following year: 0  
 Other on-site releases - prior year: 3.5  
 Other on-site releases - current year: 0  
 Other on-site releases - following year: 0  
 Other on-site releases - 2nd-following year: 0  
 Off-site limited releases - prior year: 530.7  
 Off-site limited releases - current year: 0  
 Off-site limited releases - following year: 0  
 Off-site limited releases - 2nd-following year: 0  
 Other off-site releases - previous year: 9.5  
 Other off-site releases - current year: 6.2  
 Other off-site releases - following year: 0  
 Other off-site releases - 2nd-following year: 0  
 Energy recovery on site prior year: 0  
 Energy recovery on site current year: 0  
 Energy recovery on site following year: 0  
 Energy recovery on site 2nd-following year: 0  
 Energy recovery off site prior year: 0  
 Energy recovery off site current year: 0  
 Energy recovery off site following year: 0

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-NA
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007439976
Document control number:	1318217016738
Chemical name:	MERCURY
Classification:	PBT
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	007439976
Document control number:	1318217016738
Chemical name:	MERCURY
Classification:	PBT
Offsite RCRA id nr:	TND982109142
Offsite transfer sequence number:	1
Offsite name:	DIVERSIFIED SCIENTIFIC SERVICE S INC (DSSI)
Offsite street address:	657 GALLAHER ROAD
Offsite City,State,Zip:	KINGSTON, TN 37763
Offsite county:	ROANE
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Offsite other off-site mgmt m90 LBS:	6.2

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Offsite other off-site mgmt m90 BOE:	Mass Balance Calculations
Total amount transferred offsite for disposal:	6.2
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	Not reported

Additional Information Miscellaneous and Optional:

Cas number:	007439976
Document control number:	1318217016738
Chemical name:	MERCURY
Classification:	PBT
Comment sequence:	367241
Comment type description:	Section 9.1
Comment text:	TSDF underwent closure during CY2018 with all wastes shipped off-site for treatment and disposal. FACILITY IS CLOSED!!

TRI ID:	37830MTRLSETENN
Cas number:	001336363
Chemical name:	POLYCHLORINATED BIPHENYLS
Classification:	PBT
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	02
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	NA
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	0
Discharges to stream a - stream name:	NA
Total discharges to stream a:	0
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ugrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	0
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	21.9
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	21.9
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0

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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	3.7
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	3.7
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	25.6
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110015583457
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

**Chemical Activities and Uses:**

Cas number:	001336363
Document control number:	1318217016726
Chemical name:	POLYCHLORINATED BIPHENYLS
Classification:	PBT
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No



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**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	Yes
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	MATERIALS & ENERGY CORP
Submitted Street:	E TENNESSEE TECHNOLOGY PARK 2010 HWY 58, SUITE
Submitted City:	OAK RIDGE
Submitted County:	ROANE
Submitted State:	TN
Submitted Zip Code:	37830
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	PERMA-FIX ENVIRONMENTAL SERVICES INC
Submitted Parent Company DB Number:	792117681
Submitted Standardized Parent Company Name:	PERMA-FIX ENVIRONMENTAL SERVICES INC
Submitted Primary NAICS Code:	562211
Submitted Industry Code:	562
Submitted Industry Name:	Hazardous Waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Industry Code: 562  
Industry Name: Hazardous Waste  
Last year the facility reported: 2018  
First year the facility reported: 2002  
Number of forms submitted: 2  
Total number of forms submitted: 52 20200808

Detailed Source Reduction Activities and Methods:

Cas number: 001336363  
Document control number: 1318217016726  
Chemical name: POLYCHLORINATED BIPHENYLS  
Classification: PBT  
Unit of measure: Pounds  
On-site limited releases - prior year: 0  
On-site limited releases - current year: 0  
On-site limited releases - following year: 0  
On-site limited releases - 2nd-following year: 0  
Other on-site releases - prior year: .1  
Other on-site releases - current year: 0  
Other on-site releases - following year: 0  
Other on-site releases - 2nd-following year: 0  
Off-site limited releases - prior year: 3.5  
Off-site limited releases - current year: 21.9  
Off-site limited releases - following year: 0  
Off-site limited releases - 2nd-following year: 0  
Other off-site releases - previous year: 0  
Other off-site releases - current year: 0  
Other off-site releases - following year: 0  
Other off-site releases - 2nd-following year: 0  
Energy recovery on site prior year: 0  
Energy recovery on site current year: 0  
Energy recovery on site following year: 0  
Energy recovery on site 2nd-following year: 0  
Energy recovery off site prior year: 0  
Energy recovery off site current year: 0  
Energy recovery off site following year: 0  
Energy recovery off site 2nd-following year: 0  
Quantity recycled on site prior year: 0  
Quantity recycled on site current year: 0  
Quantity recycled on site following year: 0  
Quantity recycled on site 2nd-following year: 0  
Quantity recycled off site prior year: 0  
Quantity recycled off site current year: 0  
Quantity recycled off site following year: 0  
Quantity recycled off site 2nd-following year: 0  
Quantity treated on site prior year: 0  
Quantity treated on site current year: 0  
Quantity treated on site following year: 0  
Quantity treated on site 2nd-following year: 0  
Quantity treated off site prior year: 6.5  
Quantity treated off site current year: 3.7  
Quantity treated off site following year: 0  
Quantity treated off site 2nd-following year: 0  
Catastrophic releases or other one-time events: Not reported  
Prod ratio/activity index: 1  
Prod ratio or activity: ACTIVITY  
1st SR reduction activity: NA-NA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	001336363
Document control number:	1318217016726
Chemical name:	POLYCHLORINATED BIPHENYLS
Classification:	PBT
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	001336363
Document control number:	1318217016726
Chemical name:	POLYCHLORINATED BIPHENYLS
Classification:	PBT
Offsite RCRA id nr:	TXD988088464
Offsite transfer sequence number:	1
Offsite name:	WASTE CONTROL SPECIALISTS
Offsite street address:	9998 W STATE HIGHWAY 176
Offsite City,State,Zip:	ANDREWS, TX 79714
Offsite county:	ANDREWS
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Offsite RCRA subtitle c landfillsm65 LBS:	21.9
Offsite RCRA subtitle c landfillsm65 BOE:	Other
Total amount transferred offsite for disposal:	21.9
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	Not reported

Offsite RCRA id nr:	TND982109142
Offsite transfer sequence number:	2
Offsite name:	DIVERSIFIED SCIENTIFIC SERVICE S INC (DSSI)
Offsite street address:	657 GALLAHER ROAD
Offsite City,State,Zip:	KINGSTON, TN 37763
Offsite county:	ROANE
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite incineration/insignificant fuel value m54 LBS:	3.7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**1023963457**

Offsite incineration/insignificant fuel value m54 BOE: Other  
Total amount transferred offsite for treatment: 3.7  
FRS ID - Transfer Location: Not reported

Additional Information Miscellaneous and Optional:

Cas number: 001336363  
Document control number: 1318217016726  
Chemical name: POLYCHLORINATED BIPHENYLS  
Classification: PBT  
Comment sequence: 367240  
Comment type description: Section 9.1  
Comment text: TSDF underwent RCRA/TSCA closure in 2018. Wastes shipped off-site for treatment and land disposal. FACILITY IS CLOSED!!!

A3  
NNE  
1/8-1/4  
0.248 mi.  
1310 ft.

**EAST TENNESSEE MATERIALS AND ENERGY CORPORATION**  
**E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005**  
**OAK RIDGE, TN 37830**

**FINDS 1016127637**  
**ECHO N/A**

Site 2 of 3 in cluster A

Relative:  
Higher  
Actual:  
805 ft.

FINDS:  
Registry ID: 110015583457

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR EMISSIONS CLASSIFICATION UNKNOWN  
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:  
Envid: 1016127637  
Registry ID: 110015583457  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110015583457>

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS AND ENERGY CORPORATION (Continued)**

**1016127637**

Name: EAST TENNESSEE MATERIALS AND ENERGY CORPORATION  
 Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
 City,State,Zip: OAK RIDGE, TN 37830

**A4**  
**NNE**  
**1/8-1/4**  
**0.248 mi.**  
**1310 ft.**

**MATERIALS & ENERGY CORP**  
**E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005**  
**OAK RIDGE, TN 37830**

**TN AIRS S121927218**  
**N/A**

**Site 3 of 3 in cluster A**

**Relative:**  
**Higher**

**AIRS:**

**Actual:**  
**805 ft.**

Name: MATERIALS & ENERGY CORP  
 Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
 City,State,Zip: OAK RIDGE, TN 37830  
 Facility Id: Not reported  
 Permit Number: Not reported  
 Type: Not reported  
 Permittee Name: Not reported  
 Status: Not reported  
 Issuance Date: Not reported  
 Expiration Date: Not reported  
 Region: Not reported  
 EFO: Not reported  
 Activity Description: Not reported  
 Application to NCO: Not reported  
 SIC Code: Not reported  
 Permit ID: Not reported  
 Site ID: Not reported  
 FIPS: 47145  
 Program System Code: TNDEC  
 Agency Facility ID: Not reported  
 NIACS Code: 562211  
 NAICS Description: Hazardous Waste Treatment and Disposal  
 Facility Source Type: Not reported  
 Latitude: 35.93111  
 Longitude: -84.38749  
 Pollutant Code: 1336363  
 Pollutant Description: Polychlorinated Biphenyls  
 Total Emissions: 0.2  
 Emissions Unit of Measure: LB

Name: MATERIALS & ENERGY CORP  
 Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
 City,State,Zip: OAK RIDGE, TN 37830  
 Facility Id: Not reported  
 Permit Number: Not reported  
 Type: Not reported  
 Permittee Name: Not reported  
 Status: Not reported  
 Issuance Date: Not reported  
 Expiration Date: Not reported  
 Region: Not reported  
 EFO: Not reported  
 Activity Description: Not reported  
 Application to NCO: Not reported  
 SIC Code: Not reported  
 Permit ID: Not reported  
 Site ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**S121927218**

FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NIACS Code: 562211  
NAICS Description: Hazardous Waste Treatment and Disposal  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 7439921  
Pollutant Description: Lead  
Total Emissions: 5e-005  
Emissions Unit of Measure: TON

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported  
EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported  
SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NIACS Code: 562211  
NAICS Description: Hazardous Waste Treatment and Disposal  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 7439976  
Pollutant Description: Mercury  
Total Emissions: 1.4  
Emissions Unit of Measure: LB

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported  
EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**S121927218**

SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NAICS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 1336363  
Pollutant Description: Polychlorinated Biphenyls  
Total Emissions: 0.05  
Emissions Unit of Measure: LB

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported  
EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported  
SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NAICS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 7439921  
Pollutant Description: Lead  
Total Emissions: 2.5e-005  
Emissions Unit of Measure: TON

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**S121927218**

EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported  
SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NIACS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 7439976  
Pollutant Description: Mercury  
Total Emissions: 0.5  
Emissions Unit of Measure: LB

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported  
EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported  
SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NIACS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 1336363  
Pollutant Description: Polychlorinated Biphenyls  
Total Emissions: 0.1  
Emissions Unit of Measure: LB

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATERIALS & ENERGY CORP (Continued)**

**S121927218**

Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported  
EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported  
SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NAICS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 7439921  
Pollutant Description: Lead  
Total Emissions: 5e-005  
Emissions Unit of Measure: TON

Name: MATERIALS & ENERGY CORP  
Address: E.TENNESSEE TECH.PK 2010 HWY.58 BLDG.K-1005  
City,State,Zip: OAK RIDGE, TN 37830  
Facility Id: Not reported  
Permit Number: Not reported  
Type: Not reported  
Permittee Name: Not reported  
Status: Not reported  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: Not reported  
EFO: Not reported  
Activity Description: Not reported  
Application to NCO: Not reported  
SIC Code: Not reported  
Permit ID: Not reported  
Site ID: Not reported  
FIPS: 47145  
Program System Code: TNDEC  
Agency Facility ID: Not reported  
NAICS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: 35.93111  
Longitude: -84.38749  
Pollutant Code: 7439976  
Pollutant Description: Mercury  
Total Emissions: 1.4  
Emissions Unit of Measure: LB

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>5</b> <b>ENE</b> <b>1/4-1/2</b> <b>0.289 mi.</b> <b>1525 ft.</b>	<b>IMPACT SERVICES, INC.</b> <b>IMPACT SERVICES, INC.</b> <b>ROANE (County), TN 37830</b>	<b>TN SWF/LF</b>	<b>S108635595</b> <b>N/A</b>
---	---	------------------	---------------------------------

<b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>797 ft.</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">SWF/LF:</td> <td></td> </tr> <tr> <td>Name:</td> <td>IMPACT SERVICES, INC.</td> </tr> <tr> <td>Address:</td> <td>IMPACT SERVICES, INC.</td> </tr> <tr> <td>City,State,Zip:</td> <td>TN 37830</td> </tr> <tr> <td>Facility ID:</td> <td>TRF730001386</td> </tr> <tr> <td>Status:</td> <td>Inactive</td> </tr> <tr> <td>Permittee:</td> <td>IMPACT SERVICES, INC. @ ETPP</td> </tr> <tr> <td>Issuance:</td> <td>06/09/2005</td> </tr> <tr> <td>Mailing Address:</td> <td>EETP Bldg.K-1310 MP West Perimeter Rd. off Hwy 58</td> </tr> <tr> <td>Mailing City:</td> <td>Oak Ridge</td> </tr> <tr> <td>Latitude:</td> <td>-</td> </tr> <tr> <td>Longitude:</td> <td>-</td> </tr> <tr> <td>Permit ID:</td> <td>1348</td> </tr> <tr> <td>Site ID:</td> <td>48860</td> </tr> <tr> <td>Application to NCO:</td> <td>-</td> </tr> <tr> <td>Activity:</td> <td>-</td> </tr> </table>	SWF/LF:		Name:	IMPACT SERVICES, INC.	Address:	IMPACT SERVICES, INC.	City,State,Zip:	TN 37830	Facility ID:	TRF730001386	Status:	Inactive	Permittee:	IMPACT SERVICES, INC. @ ETPP	Issuance:	06/09/2005	Mailing Address:	EETP Bldg.K-1310 MP West Perimeter Rd. off Hwy 58	Mailing City:	Oak Ridge	Latitude:	-	Longitude:	-	Permit ID:	1348	Site ID:	48860	Application to NCO:	-	Activity:	-
SWF/LF:																																	
Name:	IMPACT SERVICES, INC.																																
Address:	IMPACT SERVICES, INC.																																
City,State,Zip:	TN 37830																																
Facility ID:	TRF730001386																																
Status:	Inactive																																
Permittee:	IMPACT SERVICES, INC. @ ETPP																																
Issuance:	06/09/2005																																
Mailing Address:	EETP Bldg.K-1310 MP West Perimeter Rd. off Hwy 58																																
Mailing City:	Oak Ridge																																
Latitude:	-																																
Longitude:	-																																
Permit ID:	1348																																
Site ID:	48860																																
Application to NCO:	-																																
Activity:	-																																

<b>6</b> <b>NW</b> <b>1/4-1/2</b> <b>0.473 mi.</b> <b>2495 ft.</b>	<b>EAST TENNESSEE MATERIALS &amp; ENERGY CORPORATION</b> <b>2010 HIGHWAY 58, SUITE 1020</b> <b>OAK RIDGE, TN 37830</b>	<b>CORRACTS</b> <b>RCRA-TSDF</b> <b>RCRA-LQG</b> <b>US FIN ASSUR</b> <b>2020 COR ACTION</b> <b>PADS</b> <b>NY MANIFEST</b> <b>WI MANIFEST</b>	<b>1001229899</b> <b>TNR000005397</b>
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<b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>785 ft.</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">CORRACTS:</td> <td></td> </tr> <tr> <td>Name:</td> <td>EAST TENNESSEE MATERIALS &amp; ENERGY CORPORATION</td> </tr> <tr> <td>Address:</td> <td>2010 HIGHWAY 58, SUITE 1020</td> </tr> <tr> <td>Address 2:</td> <td>Not reported</td> </tr> <tr> <td>Area Name:</td> <td>ENTIRE FACILITY</td> </tr> <tr> <td>Corrective Action:</td> <td>CA050</td> </tr> <tr> <td>Actual Date:</td> <td>1999-06-30 00:00:00.0</td> </tr> <tr> <td>Air Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td>Groundwater Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td>Soil Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td>Surface Water Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>Name:</td> <td>EAST TENNESSEE MATERIALS &amp; ENERGY CORPORATION</td> </tr> <tr> <td>Address:</td> <td>2010 HIGHWAY 58, SUITE 1020</td> </tr> <tr> <td>Address 2:</td> <td>Not reported</td> </tr> <tr> <td>Area Name:</td> <td>ENTIRE FACILITY</td> </tr> <tr> <td>Corrective Action:</td> <td>CA070NO</td> </tr> <tr> <td>Actual Date:</td> <td>1999-06-30 00:00:00.0</td> </tr> <tr> <td>Air Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td>Groundwater Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td>Soil Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td>Surface Water Release Indicator:</td> <td>Not reported</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>Name:</td> <td>EAST TENNESSEE MATERIALS &amp; ENERGY CORPORATION</td> </tr> <tr> <td>Address:</td> <td>2010 HIGHWAY 58, SUITE 1020</td> </tr> <tr> <td>Address 2:</td> <td>Not reported</td> </tr> <tr> <td>Area Name:</td> <td>ENTIRE FACILITY</td> </tr> <tr> <td>Corrective Action:</td> <td>CA075HI</td> </tr> </table>	CORRACTS:		Name:	EAST TENNESSEE MATERIALS & ENERGY CORPORATION	Address:	2010 HIGHWAY 58, SUITE 1020	Address 2:	Not reported	Area Name:	ENTIRE FACILITY	Corrective Action:	CA050	Actual Date:	1999-06-30 00:00:00.0	Air Release Indicator:	Not reported	Groundwater Release Indicator:	Not reported	Soil Release Indicator:	Not reported	Surface Water Release Indicator:	Not reported	 		Name:	EAST TENNESSEE MATERIALS & ENERGY CORPORATION	Address:	2010 HIGHWAY 58, SUITE 1020	Address 2:	Not reported	Area Name:	ENTIRE FACILITY	Corrective Action:	CA070NO	Actual Date:	1999-06-30 00:00:00.0	Air Release Indicator:	Not reported	Groundwater Release Indicator:	Not reported	Soil Release Indicator:	Not reported	Surface Water Release Indicator:	Not reported	 		Name:	EAST TENNESSEE MATERIALS & ENERGY CORPORATION	Address:	2010 HIGHWAY 58, SUITE 1020	Address 2:	Not reported	Area Name:	ENTIRE FACILITY	Corrective Action:	CA075HI
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Map ID  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Date: 1999-06-30 00:00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
Address 2: Not reported  
Area Name: ENTIRE FACILITY  
Corrective Action: CA400  
Actual Date: 2009-01-14 00:00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
Address 2: Not reported  
Area Name: ENTIRE FACILITY  
Corrective Action: CA550NR  
Actual Date: 2009-01-14 00:00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
Address 2: Not reported  
Area Name: ENTIRE FACILITY  
Corrective Action: CA725YE  
Actual Date: 2009-01-14 00:00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
Address 2: Not reported  
Area Name: ENTIRE FACILITY  
Corrective Action: CA750YE  
Actual Date: 2009-01-14 00:00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
Address 2: Not reported  
Area Name: ENTIRE FACILITY  
Corrective Action: CA999NF  
Actual Date: 2009-01-14 00:00:00.0  
Air Release Indicator: Not reported

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Groundwater Release Indicator: Not reported  
 Soil Release Indicator: Not reported  
 Surface Water Release Indicator: Not reported

**RCRA-LQG:**

Date Form Received by Agency: 2018-03-01 00:00:00.0  
 Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
 Handler Address: 2010 HIGHWAY 58, SUITE 1020  
 Handler City,State,Zip: OAK RIDGE, TN 37830  
 EPA ID: TNR000005397  
 Contact Name: JOE CRIDER  
 Contact Address: HIGHWAY 58 BLDG K-1200  
 Contact City,State,Zip: OAK RIDGE, TN 37830  
 Contact Telephone: 999-999-9999  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: GENERAL MANAGER  
 EPA Region: 04  
 Land Type: Federal  
 Federal Waste Generator Description: Large Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: 2017  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: TN  
 State District: 103  
 Mailing Address: HIGHWAY 58, SUITE 1020  
 Mailing City,State,Zip: OAK RIDGE, TN 37380-1703  
 Owner Name: PERMA-FIX ENVIRONMENTAL  
 Owner Type: Private  
 Operator Name: PERMA-FIX ENVIRONMENTAL  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site Converter Treatment storage and Disposal Facility: Not reported  
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site State-Reg Handler: ---  
 Federal Facility Indicator: The land is federally-owned  
 Hazardous Secondary Material Indicator: NN  
 Sub-Part K Indicator: Not reported  
 Commercial TSD Indicator: Yes  
 Treatment Storage and Disposal Type: Storage, Treatment  
 2018 GPRA Permit Baseline: Not on the Baseline  
 2018 GPRA Renewals Baseline: Not Accomplished  
 Permit Renewals Workload Universe: Not reported

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-07 10:23:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004

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EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE
Waste Code:	D041



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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	D092
Waste Description:	Not Defined
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F004
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006  
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007  
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008  
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009  
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F023  
Waste Description: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)

Waste Code: F027  
Waste Description: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

Waste Code: F039  
Waste Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Waste Code: P015  
Waste Description: BERYLLIUM

Waste Code: P022  
Waste Description: CARBON DISULFIDE

Waste Code: P028

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P037
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN
Waste Code:	P038
Waste Description:	ARSINE, DIETHYL- (OR) DIETHYLARSINE
Waste Code:	P039
Waste Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Waste Code:	P050
Waste Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, 9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Waste Code:	P051
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Waste Code:	P059
Waste Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P089
Waste Description:	PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
Waste Code:	P094
Waste Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	P113
Waste Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Map ID  
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MAP FINDINGS

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EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	P119
Waste Description:	AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT
Waste Code:	P120
Waste Description:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code:	P123
Waste Description:	TOXAPHENE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U003
Waste Description:	ACETONITRILE (I,T)
Waste Code:	U004
Waste Description:	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-
Waste Code:	U005
Waste Description:	2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL
Waste Code:	U006
Waste Description:	ACETYL CHLORIDE (C,R,T)
Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U011
Waste Description:	1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U018
Waste Description:	BENZ[A]ANTHRACENE
Waste Code:	U019
Waste Description:	BENZENE (I,T)
Waste Code:	U020
Waste Description:	BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)
Waste Code:	U022
Waste Description:	BENZO[A]PYRENE
Waste Code:	U028
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR)

Map ID  
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Distance  
Elevation

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EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

DIETHYLHEXYL PHTHALATE

Waste Code:	U029
Waste Description:	METHANE, BROMO- (OR) METHYL BROMIDE
Waste Code:	U030
Waste Description:	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHOXY-
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U032
Waste Description:	CALCIUM CHROMATE (OR) CHROMIC ACID H <sub>2</sub> CrO <sub>4</sub> , CALCIUM SALT
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U039
Waste Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U043
Waste Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U045
Waste Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Waste Code:	U050
Waste Description:	CHRYSENE
Waste Code:	U051
Waste Description:	CREOSOTE
Waste Code:	U052
Waste Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Waste Code:	U053
Waste Description:	2-BUTENAL (OR) CROTONALDEHYDE
Waste Code:	U055
Waste Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Waste Code:	U056
Waste Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	U057
Waste Description:	CYCLOHEXANONE (I)
Waste Code:	U060
Waste Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Waste Code:	U061
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code:	U068
Waste Description:	METHANE, DIBROMO- (OR) METHYLENE BROMIDE
Waste Code:	U069
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U076
Waste Description:	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U078
Waste Description:	1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-
Waste Code:	U079
Waste Description:	1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U081
Waste Description:	2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-
Waste Code:	U088
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
Waste Code:	U101
Waste Description:	2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-
Waste Code:	U102
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U107
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	U111
Waste Description:	1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U113
Waste Description:	2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U118
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
Waste Code:	U119
Waste Description:	ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER
Waste Code:	U120
Waste Description:	FLUORANTHENE
Waste Code:	U121
Waste Description:	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U125
Waste Description:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code:	U127
Waste Description:	BENZENE, HEXACHLORO- (OR) HEXACHLOROENZENE
Waste Code:	U128
Waste Description:	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U131
Waste Description:	ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U140
Waste Description:	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
Waste Code:	U142
Waste Description:	1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE
Waste Code:	U145

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)
Waste Code:	U147
Waste Description:	2,5-FURANDIONE (OR) MALEIC ANHYDRIDE
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U158
Waste Description:	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U161
Waste Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U169
Waste Description:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code:	U170
Waste Description:	P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-
Waste Code:	U176
Waste Description:	N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U191
Waste Description:	2-PICOLINE (OR) PYRIDINE, 2-METHYL-
Waste Code:	U196
Waste Description:	PYRIDINE
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U218
Waste Description:	ETHANETHIOAMIDE (OR) THIOACETAMIDE
Waste Code:	U219
Waste Description:	THIOUREA



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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U223
Waste Description:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code:	U224
Waste Description:	Not Defined
Waste Code:	U225
Waste Description:	BROMOFORM (OR) METHANE, TRIBROMO-
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code:	U227
Waste Description:	1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U235
Waste Description:	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
Waste Code:	U236
Waste Description:	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE
Waste Code:	U238
Waste Description:	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER
Waste Code:	U383
Waste Description:	CARBAMODITHIOIC ACID, DIMETHYL, POTASSIUM SALT (OR) POTASSIUM DIMETHYLDITHIOCARBAMATE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Owner

Map ID  
Direction  
Distance  
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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: 865-574-0149  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: PERMA-FIX ENVIRONMENTAL  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 8302 DUNWOODY PLACE, SUITE 250  
Owner/Operator City,State,Zip: ATLANTA, GA 30350-3390  
Owner/Operator Telephone: 770-587-9898  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: PERMA-FIX ENVIRONMENTAL  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 8302 DUNWOODY PLACE, SUITE 250  
Owner/Operator City,State,Zip: ATLANTA, GA 30350-3390  
Owner/Operator Telephone: 770-587-9898  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST TENNESSEE MATERIALS AND ENERGY CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE DOUGLAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2010 HIGHWAY 58, BUILDING K-1005
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37380-1020
Owner/Operator Telephone:	865-574-0149
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
  
Owner/Operator Indicator: Operator  
Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-03-01 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2000-02-29 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS AND ENERGY CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2003-03-03 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

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EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Receive Date: 2013-08-22 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-01 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS AND ENERGY CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-19 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS AND ENERGY CORP  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-21 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPOR  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-28 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	3259
NAICS Description:	OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING
NAICS Code:	56121
NAICS Description:	FACILITIES SUPPORT SERVICES
NAICS Code:	562211
NAICS Description:	HAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

1001229899

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-03-09 00:00:00.0  
Actual Return to Compliance Date: 2009-03-13 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2004-09-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0032  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2004-09-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2007-10-23 00:00:00.0
Actual Return to Compliance Date:	2007-10-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2018-05-10 00:00:00.0
Actual Return to Compliance Date:	2018-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2018-06-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2004-09-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	125
Date of Enforcement Action:	2004-09-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0032
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2006-07-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2006-07-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-10-23 00:00:00.0
Actual Return to Compliance Date:	2009-03-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Unknown  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2004-09-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	125
Date of Enforcement Action:	2004-09-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0032
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	125
Date of Enforcement Action:	2004-09-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0032
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2002-07-18 00:00:00.0  
Actual Return to Compliance Date: 2002-07-18 00:00:00.0  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2004-09-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2018-05-10 00:00:00.0  
Actual Return to Compliance Date: 2018-05-24 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2018-06-06 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2004-09-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0032  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2006-07-25 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2004-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2006-07-25 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Unknown  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

1001229899

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2006-07-25 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-10-23 00:00:00.0
Actual Return to Compliance Date:	2007-10-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Unknown  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Action Summary:

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-03-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-04-04 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	BEX
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2009-03-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-07-19 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Former Citation:	Not reported
Evaluation Date:	2007-10-23 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2007-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-05-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2018-05-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-06-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-05 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-08-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2004-09-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-07-13 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: RGQ  
Evaluation Responsible Sub-Organization: RCRA\_DIV  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-09-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-05-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-10-23 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2009-03-09 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-09-25 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KLIPP
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-07-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2002-07-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-06-23 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-04-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2018-06-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOLLOW-UP INSPECTION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2018-05-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-10-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-11-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-07-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-05-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-05-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	RGQ
Evaluation Responsible Sub-Organization:	RCRA_DIV
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-08-30 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Undetermined
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	JCG
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-07-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-07-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-03-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN489
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2016-11-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: RGQ  
Evaluation Responsible Sub-Organization: RCRA\_DIV  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2012-03-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-09-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-03-23 00:00:00.0
Evaluation Responsible Agency:	State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-10-23 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2007-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2017-06-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Undetermined  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2014-08-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

RCRA-LQG:

Date Form Received by Agency:	2018-03-01 00:00:00.0
Handler Name:	EAST TENNESSEE MATERIALS & ENERGY CORPORATION
Handler Address:	2010 HIGHWAY 58, SUITE 1020
Handler City,State,Zip:	OAK RIDGE, TN 37830
EPA ID:	TNR000005397
Contact Name:	JOE CRIDER
Contact Address:	HIGHWAY 58 BLDG K-1200
Contact City,State,Zip:	OAK RIDGE, TN 37830
Contact Telephone:	999-999-9999
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	GENERAL MANAGER
EPA Region:	04
Land Type:	Federal
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	TN
State District:	103
Mailing Address:	HIGHWAY 58, SUITE 1020
Mailing City,State,Zip:	OAK RIDGE, TN 37380-1703
Owner Name:	PERMA-FIX ENVIRONMENTAL
Owner Type:	Private
Operator Name:	PERMA-FIX ENVIRONMENTAL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	Yes
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not Accomplished
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

202 GPRC Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-07 10:23:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	D092
Waste Description:	Not Defined
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F004
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	F006
Waste Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	F008
Waste Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F009
Waste Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F023
Waste Description:	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)
Waste Code:	F027
Waste Description:	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
Waste Code:	F039
Waste Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
Waste Code:	P015
Waste Description:	BERYLLIUM
Waste Code:	P022
Waste Description:	CARBON DISULFIDE
Waste Code:	P028
Waste Description:	BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)



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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P037
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN
Waste Code:	P038
Waste Description:	ARSINE, DIETHYL- (OR) DIETHYLARSINE
Waste Code:	P039
Waste Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Waste Code:	P050
Waste Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, 9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Waste Code:	P051
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Waste Code:	P059
Waste Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P089
Waste Description:	PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER
Waste Code:	P094
Waste Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	P113
Waste Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3
Waste Code:	P119
Waste Description:	AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT
Waste Code:	P120

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code:	P123
Waste Description:	TOXAPHENE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U003
Waste Description:	ACETONITRILE (I,T)
Waste Code:	U004
Waste Description:	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-
Waste Code:	U005
Waste Description:	2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL
Waste Code:	U006
Waste Description:	ACETYL CHLORIDE (C,R,T)
Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U011
Waste Description:	1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U018
Waste Description:	BENZ[A]ANTHRACENE
Waste Code:	U019
Waste Description:	BENZENE (I,T)
Waste Code:	U020
Waste Description:	BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)
Waste Code:	U022
Waste Description:	BENZO[A]PYRENE
Waste Code:	U028
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE
Waste Code:	U029
Waste Description:	METHANE, BROMO- (OR) METHYL BROMIDE

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	U030
Waste Description:	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHOXY-
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U032
Waste Description:	CALCIUM CHROMATE (OR) CHROMIC ACID H <sub>2</sub> CrO <sub>4</sub> , CALCIUM SALT
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U039
Waste Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U043
Waste Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U045
Waste Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Waste Code:	U050
Waste Description:	CHRYSENE
Waste Code:	U051
Waste Description:	CREOSOTE
Waste Code:	U052
Waste Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Waste Code:	U053
Waste Description:	2-BUTENAL (OR) CROTONALDEHYDE
Waste Code:	U055
Waste Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Waste Code:	U056
Waste Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Waste Code:	U057
Waste Description:	CYCLOHEXANONE (I)
Waste Code:	U060

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Waste Code:	U061
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code:	U068
Waste Description:	METHANE, DIBROMO- (OR) METHYLENE BROMIDE
Waste Code:	U069
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U076
Waste Description:	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U078
Waste Description:	1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-
Waste Code:	U079
Waste Description:	1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-, (E)-
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U081
Waste Description:	2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-
Waste Code:	U088
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
Waste Code:	U101
Waste Description:	2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-
Waste Code:	U102
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U107
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U111
Waste Description:	1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE
Waste Code:	U112

Map ID  
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MAP FINDINGS

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U113
Waste Description:	2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U118
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
Waste Code:	U119
Waste Description:	ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER
Waste Code:	U120
Waste Description:	FLUORANTHENE
Waste Code:	U121
Waste Description:	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U125
Waste Description:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code:	U127
Waste Description:	BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE
Waste Code:	U128
Waste Description:	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U131
Waste Description:	ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U140
Waste Description:	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
Waste Code:	U142
Waste Description:	1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE
Waste Code:	U145
Waste Description:	LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)
Waste Code:	U147
Waste Description:	2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U158
Waste Description:	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U161
Waste Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U169
Waste Description:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code:	U170
Waste Description:	P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-
Waste Code:	U176
Waste Description:	N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U191
Waste Description:	2-PICOLINE (OR) PYRIDINE, 2-METHYL-
Waste Code:	U196
Waste Description:	PYRIDINE
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U218
Waste Description:	ETHANETHIOAMIDE (OR) THIOACETAMIDE
Waste Code:	U219
Waste Description:	THIOUREA
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U223

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Waste Description:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code:	U224
Waste Description:	Not Defined
Waste Code:	U225
Waste Description:	BROMOFORM (OR) METHANE, TRIBROMO-
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code:	U227
Waste Description:	1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U235
Waste Description:	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
Waste Code:	U236
Waste Description:	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE
Waste Code:	U238
Waste Description:	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER
Waste Code:	U383
Waste Description:	CARBAMODITHIOIC ACID, DIMETHYL, POTASSIUM SALT (OR) POTASSIUM DIMETHYLDITHIOCARBAMATE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: 865-574-0149  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: PERMA-FIX ENVIRONMENTAL  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 8302 DUNWOODY PLACE, SUITE 250  
Owner/Operator City,State,Zip: ATLANTA, GA 30350-3390  
Owner/Operator Telephone: 770-587-9898  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: PERMA-FIX ENVIRONMENTAL  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 8302 DUNWOODY PLACE, SUITE 250  
Owner/Operator City,State,Zip: ATLANTA, GA 30350-3390  
Owner/Operator Telephone: 770-587-9898  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: EAST TENNESSEE MATERIALS AND ENERGY CORP



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE DOUGLAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2010 HIGHWAY 58, BUILDING K-1005
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37380-1020
Owner/Operator Telephone:	865-574-0149
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EAST TENNESSEE MATERIALS & ENERGY CORP.
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	EAST TENNESSEE TECHNOLOGY PARK
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Owner/Operator Indicator: Operator  
Owner/Operator Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Legal Status: Private  
Date Became Current: 2001-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: EAST TENNESSEE TECHNOLOGY PARK  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-03-01 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2000-02-29 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS AND ENERGY CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2003-03-03 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORP.  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2013-08-22 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No

Map ID  
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MAP FINDINGS

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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-01 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS AND ENERGY CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-19 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS AND ENERGY CORP  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-21 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPOR  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-28 00:00:00.0  
Handler Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Map ID  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 3259  
 NAICS Description: OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

NAICS Code: 56121  
 NAICS Description: FACILITIES SUPPORT SERVICES

NAICS Code: 562211  
 NAICS Description: HAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Permit Condition or Requirement  
 Date Violation was Determined: 2009-06-24 00:00:00.0  
 Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: 001  
 Date of Enforcement Action: 2009-10-12 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: HWM 09-0027  
 Enforcement Attorney: Not reported  
 Corrective Action Component: No  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: SHOW CAUSE MEETING  
 Enforcement Responsible Person: TN421  
 Enforcement Responsible Sub-Organization: 00  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported

Map ID  
Direction  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-03-09 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2009-03-13 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2004-09-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0032  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2004-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: Used Oil - Generators  
Date Violation was Determined: 2007-10-23 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2007-10-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2018-05-10 00:00:00.0
Actual Return to Compliance Date:	2018-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2018-06-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WARNING LETTER
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WARNING LETTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2004-09-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2004-09-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0032  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2006-07-25 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WARNING LETTER
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2006-07-25 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-10-23 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2009-03-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WARNING LETTER
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Unknown  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2004-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2004-09-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0032  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2004-09-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0032  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-07-18 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2004-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2018-05-10 00:00:00.0
Actual Return to Compliance Date:	2018-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2018-06-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	125
Date of Enforcement Action:	2004-09-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0032
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-04-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2006-07-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2010-02-18 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-07-20 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2004-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-06-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-06-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 125  
Date of Enforcement Action: 2006-08-30 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2006-07-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	20000
Final Monetary Amount:	20000
Paid Amount:	35000
Final Count:	1
Final Amount:	20000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Permit Condition or Requirement  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-02-01 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WARNING LETTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WARNING LETTER
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2010-02-18 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 10-0014
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-10-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-08-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-09-01 00:00:00.0
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Enforcement Identifier:	125
Date of Enforcement Action:	2006-08-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2010-02-18 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-04-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: 501  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Formal Enforcement Agreement or Order  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2009-07-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN492
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2010-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 10-0014  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 20000  
Final Monetary Amount: 20000  
Paid Amount: 35000  
Final Count: 1  
Final Amount: 20000

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-04-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-09-01 00:00:00.0  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2006-07-25 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2009-06-24 00:00:00.0  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2009-10-12 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: HWM 09-0027  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - Storage Prohibitions  
Date Violation was Determined: 2010-02-18 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-10-23 00:00:00.0
Actual Return to Compliance Date:	2007-10-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	2009-06-24 00:00:00.0
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	HWM 09-0027
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	2009-06-24 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2009-07-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN492  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Unknown  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:  
Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-03-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date:	2018-04-04 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	BEX
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2009-03-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-07-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-10-23 00:00:00.0
Evaluation Responsible Agency:	EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2007-10-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2018-05-10 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2018-05-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2013-06-03 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported



Map ID  
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Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-02-05 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2007-08-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-09-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492

Map ID  
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MAP FINDINGS

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EDR ID Number  
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**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-07-13 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: RGQ  
Evaluation Responsible Sub-Organization: RCRA\_DIV  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-05-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-10-23 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-03-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2005-07-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Undetermined  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: KLIPP  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-22 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2002-07-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-04-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2018-06-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOLLOW-UP INSPECTION  
Evaluation Responsible Person Identifier: TN492

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2018-05-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-10-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-11-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-07-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-05-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2015-05-19 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: RGQ  
Evaluation Responsible Sub-Organization: RCRA\_DIV  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-08-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Undetermined
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	JCG
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-09-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0  
Scheduled Compliance Date: 2006-10-16 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-07-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-06-01 00:00:00.0
Evaluation Responsible Agency:	State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-07-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-03-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN489  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-07-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2016-11-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: RGQ  
Evaluation Responsible Sub-Organization: RCRA\_DIV  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2012-03-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-03-26 00:00:00.0
Scheduled Compliance Date:	2006-10-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-02-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	501
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-07-20 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-09-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-03-26 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Scheduled Compliance Date: 2006-10-31 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN492  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-10-23 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2007-10-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 2011-07-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Evaluation Date:	2009-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	2011-07-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-06-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-08-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN492
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

US FIN ASSUR:

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TNR000005397  
County: Not reported  
Mechanism type: I  
Mechanism Type Description: INSURANCE  
Cost estimate: 10797534  
Face value: 10797534  
Effective date: 2003-02-28 00:00:00  
Provider: AIG  
EPA region: 4

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TNR000005397  
County: Not reported  
Mechanism type: I  
Mechanism Type Description: INSURANCE  
Cost estimate: 10900993  
Face value: 10900993  
Effective date: 2017-03-14 00:00:00  
Provider: AIG  
EPA region: 4

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TNR000005397  
County: Not reported  
Mechanism type: I  
Mechanism Type Description: INSURANCE  
Cost estimate: 11046108  
Face value: 11046108  
Effective date: 2018-02-28 00:00:00  
Provider: AIG  
EPA region: 4

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TNR000005397  
County: Not reported  
Mechanism type: I  
Mechanism Type Description: INSURANCE  
Cost estimate: 8395800  
Face value: 8395800  
Effective date: 2019-03-19 00:00:00  
Provider: AIG  
EPA region: 4

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HIGHWAY 58, SUITE 1020  
City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TNR000005397

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

County: Not reported  
Mechanism type: I  
Mechanism Type Description: INSURANCE  
Cost estimate: 2000000  
Face value: 2500000  
Effective date: 2017-09-01 00:00:00  
Provider: INDIAN HARBOR INSURANCE  
EPA region: 4

**2020 COR ACTION:**

EPA ID: TNR000005397  
Region: 4  
Action: Remedy Construction

**PADS:**

Name: EAST TENNESSEE MATERIALS & ENERGY CORPORATION  
Address: 2010 HWY 58, BLDG K-1200  
Address 2: Not reported  
City,State,Zip: OAK RIDGE, TN 37830  
EDR ID: 1001229899  
EPAID: TNR000005397  
Region: 4  
Generator: N  
Storer: Y  
Disposer: Y  
Transporter: N  
Smelter: N  
Research Facility: N  
Mailing Address: 2010 HIGHWAY 58, SUITE 1020  
Mailing Address 2: Not reported  
Mailing City: OAK RIDGE  
Mailing State: TN  
Mailing Zip: 37830-1020  
Mailing Country: US  
Owner Name: PERMA-FIX ENVIRONMENTAL SERVICES  
Certification Date: 12/06/2013  
Contact Name: RICHARD DEVLIN  
Contact Title: COMPLIANCE MANAGER  
Contact Telephone: 865-574-0149  
Contact Text: Not reported  
Contact Email: Not reported

**NY MANIFEST:**

Name: EAST TENNESSEE MATERIALS & ENERGY CORP  
Address: EAST TENNESSEE TECHNOLOGY PARK  
City,State,Zip: OAK RIDGE, TN 37830  
Country: USA  
EPA ID: TNR000005397  
Facility Status: Not reported  
Location Address 1: EAST TENNESSEE TECHNOLOGY PARK  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: OAK RIDGE  
Location State: TN  
Location Zip: 37830

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST TENNESSEE MATERIALS & ENERGY CORPORATION (Continued)**

**1001229899**

Location Zip 4: Not reported

**NY MANIFEST:**

EPAID: TNR000005397  
Mailing Name: EAST TENNESSEE MATERIALS & ENERGY CORP  
Mailing Contact: STEVE DOUGLAS  
Mailing Address 1: 2010 HIGHWAY 58 BLDG K-10  
Mailing Address 2: Not reported  
Mailing City: OAK RIDGE  
Mailing State: TN  
Mailing Zip: 37830  
Mailing Zip 4: 1020  
Mailing Country: USA  
Mailing Phone: 8655740149

**WI MANIFEST:**

Name: EAST TENNESSEE MATERIALS & ENERGY CORP  
Address: EAST TENNESSEE TECH PARK  
City,State,Zip: OAK RIDGE, TN 37830  
Year: 2004  
EPA ID: TNR000005397  
FID: 0  
ACT Code: 201  
ACT Status: A  
ACT Code 1: 201  
ACT Name: HW Generator - Large  
Contact Title: TECH CONTACT  
Contact Name: JOE BENSON  
Contact Address: 109 JEFFERSON AVE  
Contact City/State/Zip: OAK RIDGE, TN 37830  
Contact Telephone: 8654251257  
Contact EMail Address: Not reported

Name: EAST TENNESSEE MATERIALS & ENERGY CORP  
Address: EAST TENNESSEE TECH PARK  
City,State,Zip: OAK RIDGE, TN 37830  
Year: 2004  
EPA ID: TNR000005397  
FID: 0  
ACT Code: 209  
ACT Status: A  
ACT Code 1: 209  
ACT Name: HW TSD (Out-of-State)  
Contact Title: TECH CONTACT  
Contact Name: JOE BENSON  
Contact Address: 109 JEFFERSON AVE  
Contact City/State/Zip: OAK RIDGE, TN 37830  
Contact Telephone: 8654251257  
Contact EMail Address: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**7**                    **PERFORMANCE DEVELOPMENT CORPORATION MATERIALS MANA**                    **RCRA NonGen / NLR**                    **1011863792**  
**SW**                    **2010 HIGHWAY 58, SUITE 1105**                                                          **TNR000013441**  
**1/4-1/2**                    **OAK RIDGE, TN 37830**

**0.495 mi.**  
**2611 ft.**

**Relative:**  
**Higher**  
**Actual:**  
**783 ft.**

RCRA NonGen / NLR:	
Date Form Received by Agency:	2008-01-17 00:00:00.0
Handler Name:	PERFORMANCE DEVELOPMENT CORPORATION MATERIALS MANAGEMENT CENTER
Handler Address:	2010 HIGHWAY 58, SUITE 1105
Handler City,State,Zip:	OAK RIDGE, TN 37830
EPA ID:	TNR000013441
Contact Name:	RON W ANDERSON
Contact Address:	JEFFERSON AVENUE
Contact City,State,Zip:	OAK RIDGE, TN 37830-4908
Contact Telephone:	865-482-9004
Contact Fax:	865-482-1249
Contact Email:	RONANDERSON@PDCNET.COM
Contact Title:	VICE PRESIDENT
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	TN
State District:	103
Mailing Address:	JEFFERSON AVENUE
Mailing City,State,Zip:	OAK RIDGE, TN 37830-4908
Owner Name:	JOE ANDERSON
Owner Type:	Private
Operator Name:	PERFORMANCE DEVELOPMENT CORPORATION MATE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PERFORMANCE DEVELOPMENT CORPORATION MATERIALS MANAGEMENT CEN (Continued)**

**1011863792**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-09-23 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PERFORMANCE DEVELOPMENT CORPORATION MATE
Legal Status:	Private
Date Became Current:	2008-01-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2010 HIGHWAY 58, SUITE 1105
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	865-482-9004
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PERFORMANCE DEVELOPMENT CORPORATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 JEFFERSON AVENUE
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	865-482-9004
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PERFORMANCE DEVELOPMENT CORPORATION MATERIALS MANAGEMENT CEN (Continued)**

**1011863792**

Owner/Operator Indicator: Owner  
Owner/Operator Name: JOE ANDERSON  
Legal Status: Private  
Date Became Current: 2008-01-17 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 109 JEFFERSON AVENUE  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830-4908  
Owner/Operator Telephone: 865-482-9004  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2002-05-10 00:00:00.0  
Handler Name: PERFORMANCE DEVELOPMENT CORPORATION MATE  
Federal Waste Generator Description: Not reported  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-01-17 00:00:00.0  
Handler Name: PERFORMANCE DEVELOPMENT CORPORATION MATERIALS MANAGEMENT CENTER  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54162  
NAICS Description: ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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<b>8</b> <b>NNW</b> <b>1/2-1</b> <b>0.507 mi.</b> <b>2677 ft.</b>	<b>US DOE EAST TENNESSEE TECH PARK - BNFL INC</b> <b>PORTAL 8 PERIMETER RD</b> <b>OAK RIDGE, TN 37831</b>	<b>FINDS</b>	<b>1009597090</b> <b>N/A</b>
---	---	--------------	---------------------------------

**Relative:** FINDS:  
**Higher** Registry ID: 110025334591

**Actual:**  
**789 ft.** Click Here:

Environmental Interest/Information System:  
 US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

<b>9</b> <b>NW</b> <b>1/2-1</b> <b>0.538 mi.</b> <b>2839 ft.</b>	<b>US DOE EAST TENNESSEE TECHNOLOGY PARK</b> <b>RT 58 &amp; BLAIR RD</b> <b>OAK RIDGE, TN 37830</b>	<b>FINDS</b> <b>ECHO</b>	<b>1016146884</b> <b>N/A</b>
--	---	-----------------------------	---------------------------------

**Relative:** FINDS:  
**Higher** Registry ID: 110002471094

**Actual:**  
**783 ft.** Click Here:

Environmental Interest/Information System:  
 NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.  
 AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.  
 US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.  
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.  
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US DOE EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1016146884**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MINOR

NON-TRANSIENT NON-COMMUNITY WATER SYSTEM

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016146884  
Registry ID: 110002471094  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002471094>  
Name: US DOE EAST TENNESSEE TECHNOLOGY PARK  
Address: RT 58 & BLAIR RD  
City,State,Zip: OAK RIDGE, TN 37830

**10**  
**NNW**  
**1/2-1**  
**0.623 mi.**  
**3288 ft.**

**US DOE OAK RIDGE K-25 SITE**  
**HWY 58, BLAIR ROAD, MS-7236**  
**OAK RIDGE, TN 37831**

**FINDS 1016366514**  
**ECHO N/A**

**Relative:**  
**Higher**  
**Actual:**  
**784 ft.**

FINDS:  
Registry ID: 110045583490

Click Here:

Environmental Interest/Information System:

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US DOE OAK RIDGE K-25 SITE (Continued)**

**1016366514**

of the Clean Air Act.  
AIR EMISSIONS CLASSIFICATION UNKNOWN  
COMMUNITY WATER SYSTEM  
AIR MAJOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016366514  
Registry ID: 110045583490  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110045583490>  
Name: US DOE OAK RIDGE K-25 SITE  
Address: HWY 58, BLAIR ROAD, MS-7236  
City,State,Zip: OAK RIDGE, TN 37831

11  
North  
1/2-1  
0.862 mi.  
4551 ft.

**TENNESSEE VALLEY AUTHORITY DBA ROANE, TN SUBSTATIO**  
**1571 BLAIR ROAD**  
**HARRIMAN, TN**

**TN AIRS S123159342**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**794 ft.**

AIRS:  
Name: TENNESSEE VALLEY AUTHORITY DBA ROANE, TN SUBSTATION  
Address: 1571 BLAIR ROAD  
City,State,Zip: HARRIMAN, TN  
Facility Id: 73-0245  
Permit Number: 74815  
Type: Operating  
Permittee Name: Tennessee Valley Authority dba Roane, TN Substation  
Status: Insignificant Activity  
Issuance Date: Not reported  
Expiration Date: Not reported  
Region: East  
EFO: Knoxville  
Activity Description: Not reported  
Application to NCO: JUL-09-2018  
SIC Code: Not reported  
Permit ID: 68936  
Site ID: 98233  
FIPS: Not reported  
Program System Code: Not reported  
Agency Facility ID: Not reported  
NAICS Code: Not reported  
NAICS Description: Not reported  
Facility Source Type: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Pollutant Code: Not reported  
Pollutant Description: Not reported  
Total Emissions: Not reported  
Emissions Unit of Measure: Not reported

Contact:

Facility ID: 73-0245  
Category: TM  
Contact Name: Mr. Jack G. Byars  
Contact Address: 1101 Market Street, BR 4A-C  
Contact City: Chattanooga

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TENNESSEE VALLEY AUTHORITY DBA ROANE, TN SUBSTATION (Continued)**

**S123159342**

Contact State: TN  
 Contact Zip: 37402  
 Contact Telephone: 423 751-2666  
 Contact Email: jgbyars@tva.gov  
 Contact Function1: Technical Contact  
 Contact Function2: Responsible Official  
 Contact Function3: Billing Person

**12**  
**ENE**  
**1/2-1**  
**0.928 mi.**  
**4902 ft.**

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
 HIGHWAY 58 & BLAIR ROAD  
 OAK RIDGE, TN 37830**

**CORRACTS  
 RCRA-TSDF  
 RCRA-LQG  
 2020 COR ACTION  
 PADS**

**1000883011  
 TN0890090004**

**Relative:  
 Higher**  
**Actual:  
 835 ft.**

**CORRACTS:**  
 Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
 Address: HIGHWAY 58 & BLAIR ROAD  
 Address 2: Not reported  
 Area Name: K-1070-G  
 Corrective Action: CA050  
 Actual Date: 1987-04-20 00:00:00.0  
 Air Release Indicator: Y  
 Groundwater Release Indicator: Y  
 Soil Release Indicator: Y  
 Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
 Address: HIGHWAY 58 & BLAIR ROAD  
 Address 2: Not reported  
 Area Name: ENTIRE FACILITY  
 Corrective Action: CA075HI  
 Actual Date: 1996-04-23 00:00:00.0  
 Air Release Indicator: Not reported  
 Groundwater Release Indicator: Y  
 Soil Release Indicator: Y  
 Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
 Address: HIGHWAY 58 & BLAIR ROAD  
 Address 2: Not reported  
 Area Name: ENTIRE FACILITY  
 Corrective Action: CA075HI  
 Actual Date: 1996-04-23 00:00:00.0  
 Air Release Indicator: Not reported  
 Groundwater Release Indicator: Not reported  
 Soil Release Indicator: Not reported  
 Surface Water Release Indicator: Not reported

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
 Address: HIGHWAY 58 & BLAIR ROAD  
 Address 2: Not reported  
 Area Name: K-1420 WASTE AREA  
 Corrective Action: CA100  
 Actual Date: 1986-10-26 00:00:00.0  
 Air Release Indicator: Y  
 Groundwater Release Indicator: Y  
 Soil Release Indicator: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: K-725 BUILDING  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: K-1085  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: K-720 ASH PILE  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: COOLING TOWER BASINS  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: K-1070-G  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: K-1004-L VAULTS AREA  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Address: HIGHWAY 58 & BLAIR ROAD  
Address 2: Not reported  
Area Name: K-1004 AND K-1007-B  
Corrective Action: CA100  
Actual Date: 1986-10-26 00:00:00.0  
Air Release Indicator: Y  
Groundwater Release Indicator: Y  
Soil Release Indicator: Y  
Surface Water Release Indicator: Y

[Click this hyperlink](#) while viewing on your computer to access  
35 additional CORRACTS: record(s) in the EDR Site Report.

**RCRA-LQG:**

Date Form Received by Agency: 2020-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Handler Address: HIGHWAY 58 & BLAIR ROAD  
Handler City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN0890090004  
Contact Name: D. A. POOLE  
Contact Address: P.O. BOX 4699  
Contact City,State,Zip: OAK RIDGE, TN 37831  
Contact Telephone: 865-201-4076  
Contact Fax: Not reported  
Contact Email: TONY.POOLE@ETTP.DOE.GOV  
Contact Title: ENV. COMPLIANCE & PROTECTION MGR.  
EPA Region: 04  
Land Type: Federal  
Federal Waste Generator Description: Large Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: 2019  
Accessibility: Not reported  
Active Site Indicator: Handler Activities  
State District Owner: TN  
State District: 103  
Mailing Address: P.O. BOX 4699  
Mailing City,State,Zip: OAK RIDGE, TN 37831  
Owner Name: U.S. DEPARTMENT OF ENERGY  
Owner Type: Federal  
Operator Name: U.S. DEPARTMENT OF ENERGY  
Operator Type: Federal  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: Yes

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Transfer Facility Activity:	Yes
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Incineration, Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	Yes
Treatment Storage and Disposal Type:	Land Disposal, Incineration, Storage, Treatment
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Accomplished
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage, Treatment
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage, Treatment
202 GPRC Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	No
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-12-11 10:44:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

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Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)

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Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE

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Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F004
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE



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SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006  
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007  
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008  
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009  
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F011  
Waste Description: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

Waste Code: F023  
Waste Description: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)

Waste Code: F027  
Waste Description: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

Waste Code: F038  
Waste Description: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION

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SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

Waste Code:	F039
Waste Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
Waste Code:	P002
Waste Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-
Waste Code:	P003
Waste Description:	2-PROPENAL (OR) ACROLEIN
Waste Code:	P004
Waste Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Waste Code:	P010
Waste Description:	ARSENIC ACID H3ASO4
Waste Code:	P011
Waste Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Waste Code:	P012
Waste Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code:	P014
Waste Description:	BENZENETHIOL (OR) THIOPHENOL
Waste Code:	P015
Waste Description:	BERYLLIUM
Waste Code:	P022
Waste Description:	CARBON DISULFIDE
Waste Code:	P024
Waste Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Waste Code:	P027
Waste Description:	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

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<b>U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)</b>		<b>1000883011</b>
Waste Code: Waste Description:	P028 BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE	
Waste Code: Waste Description:	P029 COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)	
Waste Code: Waste Description:	P030 CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED	
Waste Code: Waste Description:	P037 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN	
Waste Code: Waste Description:	P039 DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER	
Waste Code: Waste Description:	P041 DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER	
Waste Code: Waste Description:	P042 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE	
Waste Code: Waste Description:	P044 DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER	
Waste Code: Waste Description:	P047 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS	
Waste Code: Waste Description:	P048 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-	
Waste Code: Waste Description:	P050 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, 9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN	
Waste Code: Waste Description:	P051 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES	
Waste Code: Waste Description:	P059 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR	
Waste Code: Waste Description:	P060 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN	
Waste Code:	P071	

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Waste Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P077
Waste Description:	BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE
Waste Code:	P078
Waste Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Waste Code:	P082
Waste Description:	METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE
Waste Code:	P085
Waste Description:	DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE
Waste Code:	P092
Waste Description:	MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE
Waste Code:	P094
Waste Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P103
Waste Description:	SELENOUREA
Waste Code:	P104
Waste Description:	SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	P113
Waste Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3
Waste Code:	P119
Waste Description:	AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT
Waste Code:	P120
Waste Description:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code:	P123
Waste Description:	TOXAPHENE
Waste Code:	U001
Waste Description:	ACETALDEHYDE (I) (OR) ETHANAL (I)
Waste Code:	U002

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Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U003
Waste Description:	ACETONITRILE (I,T)
Waste Code:	U004
Waste Description:	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-
Waste Code:	U005
Waste Description:	2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL
Waste Code:	U006
Waste Description:	ACETYL CHLORIDE (C,R,T)
Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U009
Waste Description:	2-PROPENENITRILE (OR) ACRYLONITRILE
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[AMINOCARBONYLOXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U011
Waste Description:	1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U017
Waste Description:	BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-
Waste Code:	U018
Waste Description:	BENZ[A]ANTHRACENE
Waste Code:	U019
Waste Description:	BENZENE (I,T)
Waste Code:	U020
Waste Description:	BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)
Waste Code:	U021
Waste Description:	[1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE
Waste Code:	U022
Waste Description:	BENZO[A]PYRENE
Waste Code:	U024
Waste Description:	DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

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Waste Code:	U025
Waste Description:	DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-
Waste Code:	U027
Waste Description:	DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-
Waste Code:	U028
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE
Waste Code:	U029
Waste Description:	METHANE, BROMO- (OR) METHYL BROMIDE
Waste Code:	U030
Waste Description:	4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U032
Waste Description:	CALCIUM CHROMATE (OR) CHROMIC ACID H <sub>2</sub> CrO <sub>4</sub> , CALCIUM SALT
Waste Code:	U033
Waste Description:	CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U038
Waste Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Waste Code:	U039
Waste Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U042
Waste Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Waste Code:	U043
Waste Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U045
Waste Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Waste Code:	U046
Waste Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Waste Code:	U047
Waste Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Waste Code:	U048
Waste Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Waste Code:	U049
Waste Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
Waste Code:	U050
Waste Description:	CHRYSENE
Waste Code:	U051
Waste Description:	CREOSOTE
Waste Code:	U052
Waste Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-
Waste Code:	U053
Waste Description:	2-BUTENAL (OR) CROTONALDEHYDE
Waste Code:	U055
Waste Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Waste Code:	U056
Waste Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Waste Code:	U057
Waste Description:	CYCLOHEXANONE (I)
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U060
Waste Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Waste Code:	U061
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code:	U063
Waste Description:	DIBENZ[A,H]ANTHRACENE
Waste Code:	U064
Waste Description:	BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE
Waste Code:	U069
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code:	U070

Map ID  
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Distance  
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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U071
Waste Description:	BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U076
Waste Description:	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U078
Waste Description:	1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-
Waste Code:	U079
Waste Description:	1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U081
Waste Description:	2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-
Waste Code:	U083
Waste Description:	PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE
Waste Code:	U086
Waste Description:	HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE
Waste Code:	U088
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U096
Waste Description:	ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)
Waste Code:	U101
Waste Description:	2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-
Waste Code:	U102
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U106
Waste Description:	2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-



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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U107
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U110
Waste Description:	1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)
Waste Code:	U111
Waste Description:	1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U113
Waste Description:	2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U118
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
Waste Code:	U119
Waste Description:	ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER
Waste Code:	U120
Waste Description:	FLUORANTHENE
Waste Code:	U121
Waste Description:	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U124
Waste Description:	FURAN (I) (OR) FURFURAN (I)
Waste Code:	U125
Waste Description:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code:	U126
Waste Description:	GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE
Waste Code:	U127
Waste Description:	BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE
Waste Code:	U128
Waste Description:	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

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Site

Database(s)

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U130
Waste Description:	1,3-CYCLOPENTADIENE, 1,2,3,4,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE
Waste Code:	U131
Waste Description:	ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE
Waste Code:	U133
Waste Description:	HYDRAZINE (R,T)
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U138
Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U140
Waste Description:	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
Waste Code:	U144
Waste Description:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code:	U147
Waste Description:	2,5-FURANDIONE (OR) MALEIC ANHYDRIDE
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U156
Waste Description:	CARBOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)
Waste Code:	U157
Waste Description:	3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-
Waste Code:	U158
Waste Description:	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U160
Waste Description:	2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
Waste Code:	U161
Waste Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code:	U162
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

METHACRYLATE (I,T)

Waste Code: U163  
Waste Description: GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG

Waste Code: U165  
Waste Description: NAPHTHALENE

Waste Code: U167  
Waste Description: 1-NAPHTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE

Waste Code: U169  
Waste Description: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

Waste Code: U170  
Waste Description: P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-

Waste Code: U176  
Waste Description: N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-

Waste Code: U177  
Waste Description: N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-

Waste Code: U179  
Waste Description: N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-

Waste Code: U180  
Waste Description: N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-

Waste Code: U181  
Waste Description: 5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO

Waste Code: U182  
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U184  
Waste Description: ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE

Waste Code: U185  
Waste Description: BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)

Waste Code: U188  
Waste Description: PHENOL

Waste Code: U194  
Waste Description: 1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)

Waste Code: U196  
Waste Description: PYRIDINE

Waste Code: U204  
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U208  
Waste Description: 1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-

Waste Code: U209

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Database(s)

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Description:	1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U216
Waste Description:	THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE
Waste Code:	U217
Waste Description:	NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE
Waste Code:	U218
Waste Description:	ETHANETHIOAMIDE (OR) THIOACETAMIDE
Waste Code:	U219
Waste Description:	THIOUREA
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U221
Waste Description:	BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE
Waste Code:	U222
Waste Description:	BENZENAMINE, 2-METHYL-, HYDROCHLORIDE (OR) O-TOLUIDINE HYDROCHLORIDE
Waste Code:	U223
Waste Description:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code:	U225
Waste Description:	BROMOFORM (OR) METHANE, TRIBROMO-
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code:	U227
Waste Description:	1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U235
Waste Description:	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
Waste Code:	U236
Waste Description:	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE
Waste Code:	U237

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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Description:	2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD
Waste Code:	U238
Waste Description:	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U240
Waste Description:	2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D
Waste Code:	U243
Waste Description:	1-PROPENE, 1,1,2,3,3,3-HEXACHLORO- (OR) HEXACHLOROPROPENE
Waste Code:	U247
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR
Waste Code:	U249
Waste Description:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER
Waste Code:	U383
Waste Description:	CARBAMODITHIOIC ACID, DIMETHYL, POTASSIUM SALT (OR) POTASSIUM DIMETHYLDITHIOCARBAMATE
Waste Code:	U404
Waste Description:	U404

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ETTP (K-25) K-1202-420-A
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TENNESSEE STATE RT 58 BLAIR RO
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37000-0000
Owner/Operator Telephone:	865-574-5924
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHERYL D. CABBIL
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	K-1225, MS 7294
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-4699
Owner/Operator Telephone:	865-241-1181
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

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EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK L. ALLEN
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-7131
Owner/Operator Telephone:	865-576-8321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2001
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831
Owner/Operator Telephone:	865-241-9504
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JAMES.DAFFRON@OREM.DOE.GOV
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-7136
Owner/Operator Telephone:	865-576-8635
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2001
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831
Owner/Operator Telephone:	865-241-9504
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JAMES.DAFFRON@OREM.DOE.GOV
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2001
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831
Owner/Operator Telephone:	865-574-4878
Owner/Operator Telephone Ext:	Not reported

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Owner/Operator Fax:	865-576-5333
Owner/Operator Email:	CAINWA@EMOR.DOE.GOV
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-7136
Owner/Operator Telephone:	865-576-8635
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-2001
Owner/Operator Telephone:	865-576-9441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHERYL D. CABBIL
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	K-1225, MS 7294
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-4699
Owner/Operator Telephone:	865-241-1181
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ETTP (K-25) K-1202-420-A
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TENNESSEE STATE RT 58 BLAIR RO
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37000-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Owner/Operator City,State,Zip: OAK RIDGE, TN 37831-2001  
Owner/Operator Telephone: 865-576-9441  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: U.S. DEPARTMENT OF ENERGY  
Legal Status: Federal  
Date Became Current: 1942-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: P.O. BOX 2001  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831  
Owner/Operator Telephone: 865-574-4878  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: 865-576-5333  
Owner/Operator Email: CAINWA@EMOR.DOE.GOV

Owner/Operator Indicator: Operator  
Owner/Operator Name: MARK L. ALLEN  
Legal Status: Federal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: HIGHWAY 58  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831-7131  
Owner/Operator Telephone: 865-576-8321  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: D.A. POOLE  
Legal Status: Federal  
Date Became Current: 2015-12-21 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: K-1007 MS 7123 PO BOX 4699  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831  
Owner/Operator Telephone: 865-241-3591  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2020-03-01 00:00:00.0



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2000-03-16 00:00:00.0  
Handler Name: US DEPT OF ENERGY EAST TN TECHNOLOGY PAR  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2003-02-28 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2004-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2013-02-26 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No

Map ID  
Direction  
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MAP FINDINGS

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2015-12-16 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1990-03-01 00:00:00.0  
Handler Name: UNITED STATES DEPT OF ENERGY K-25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1992-01-01 00:00:00.0  
Handler Name: UNITED STATES DEPT OF ENERGY K 25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-01 00:00:00.0  
Handler Name: UNITED STATES DEPT. OF ENERGY K-25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Electronic Manifest Broker: Not reported

Receive Date: 1995-03-01 00:00:00.0  
Handler Name: UNITED STATES DEPT. OF ENERGY K-25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1997-03-01 00:00:00.0  
Handler Name: US DEPT OF ENERGY E TN TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-01 00:00:00.0  
Handler Name: U S DOE EAST TN TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-25 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325188  
NAICS Description: ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

Map ID  
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MAP FINDINGS

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

NAICS Code: 325998  
NAICS Description: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

NAICS Code: 562211  
NAICS Description: HAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2005-03-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 05-H0009  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1985-04-18 00:00:00.0  
Actual Return to Compliance Date: 1985-04-18 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 1985-05-18 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
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Database(s)

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EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 210  
Date of Enforcement Action: 2005-01-11 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 210  
Date of Enforcement Action: 2005-01-11 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018



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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
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MAP FINDINGS

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 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: TSD - Container Use and Management  
 Date Violation was Determined: 1993-09-21 00:00:00.0  
 Actual Return to Compliance Date: 1993-10-21 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1997-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-166
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1993-12-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	5000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2005-03-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN507  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 1984-06-27 00:00:00.0  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1988-12-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1988-09-06 00:00:00.0  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1988-11-10 00:00:00.0  
Enforcement Identifier: 030  
Date of Enforcement Action: 1988-09-28 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN318  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 2006-02-13 00:00:00.0  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2006-05-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 06-H0020



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 024  
Date of Enforcement Action: 1989-06-02 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN318  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1995-03-28 00:00:00.0
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Enforcement Identifier:	438
Date of Enforcement Action:	1995-05-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1999-02-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-0378/H0023

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	TN
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	46144
Paid Amount:	46144
Final Count:	1
Final Amount:	46144
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2005-03-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 05-H0009  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2005-03-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 05-H0009  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Manifest  
Date Violation was Determined: 1997-03-04 00:00:00.0  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: SRS  
Date of Enforcement Action: 1999-09-21 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 99-0372  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: COMMISSIONER'S ORDER  
Enforcement Responsible Person: TNSRS  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 500000  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2006-02-13 00:00:00.0  
Actual Return to Compliance Date: 2006-06-20 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2006-05-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 06-H0020

Map ID  
Direction  
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EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 2001-08-22 00:00:00.0  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 2001-12-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN375  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General Facility Standards  
Date Violation was Determined: 2002-07-18 00:00:00.0  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2002-09-23 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2005-03-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

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EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-08 00:00:00.0
Actual Return to Compliance Date:	1988-11-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-04-30 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: TSD - General  
 Date Violation was Determined: 1992-10-14 00:00:00.0  
 Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: 060  
 Date of Enforcement Action: 1992-12-02 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported

Map ID  
Direction  
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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-08 00:00:00.0
Actual Return to Compliance Date:	1988-11-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	041
Date of Enforcement Action:	1987-06-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1993-12-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
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EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	5000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: EPA  
 Violation Short Description: TSD - Container Use and Management  
 Date Violation was Determined: 1994-02-18 00:00:00.0  
 Actual Return to Compliance Date: 1994-06-11 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: EPA  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 2001-08-22 00:00:00.0  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2002-02-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 02-H0008  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1995-03-28 00:00:00.0  
Actual Return to Compliance Date: 1995-05-09 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1995-05-09 00:00:00.0  
Enforcement Identifier: 438  
Date of Enforcement Action: 1995-05-09 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Enforcement Identifier: 004  
Date of Enforcement Action: 1990-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN301  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 024  
Date of Enforcement Action: 1989-06-02 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 2001-08-22 00:00:00.0  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2002-02-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 02-H0008  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Enforcement Identifier: 004  
Date of Enforcement Action: 1990-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2006-06-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1992-10-14 00:00:00.0  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 060  
Date of Enforcement Action: 1992-12-02 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1989-05-24 00:00:00.0  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 000  
Date of Enforcement Action: 1989-03-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R4033  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 2500  
Final Monetary Amount: 2500  
Paid Amount: Not reported  
Final Count: 1  
Final Amount: 2500

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1993-09-21 00:00:00.0  
Actual Return to Compliance Date: 1993-10-21 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1986-07-22 00:00:00.0
Actual Return to Compliance Date:	1986-07-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 1988-09-06 00:00:00.0  
Actual Return to Compliance Date: 1989-01-19 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: 1989-01-05 00:00:00.0  
Enforcement Identifier: 003  
Date of Enforcement Action: 1988-12-05 00:00:00.0  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General Facility Standards  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Enforcement Identifier: 004  
Date of Enforcement Action: 1990-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1991-03-13 00:00:00.0
Actual Return to Compliance Date:	1991-07-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-07-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1991-06-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN446  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1989-03-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R4033
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2500
Final Monetary Amount:	2500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	2500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	SRS
Date of Enforcement Action:	1999-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	99-0372

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	COMMISSIONER'S ORDER
Enforcement Responsible Person:	TNSRS
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	500000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2003-02-19 00:00:00.0
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2003-03-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1985-04-18 00:00:00.0
Actual Return to Compliance Date:	1985-04-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1991-06-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1988-06-13 00:00:00.0  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Enforcement Identifier: 032  
Date of Enforcement Action: 1988-06-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 210  
Date of Enforcement Action: 2005-01-11 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1999-02-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-0378/H0023
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	TN
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	46144
Paid Amount:	46144
Final Count:	1
Final Amount:	46144
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-06-13 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1989-03-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R4033  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 2500  
Final Monetary Amount: 2500  
Paid Amount: Not reported  
Final Count: 1  
Final Amount: 2500

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2005-03-17 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN507  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: TSD - Closure/Post-Closure  
 Date Violation was Determined: 1985-04-30 00:00:00.0  
 Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1986-08-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1997-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-166
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-02-19 00:00:00.0
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2003-03-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Records/Reporting  
Date Violation was Determined: 2003-02-19 00:00:00.0  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2003-03-04 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN507  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Pre-transport  
Date Violation was Determined: 1988-09-06 00:00:00.0  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 030  
Date of Enforcement Action: 1988-09-28 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1989-03-15 00:00:00.0
Actual Return to Compliance Date:	1989-06-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	1989-06-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1984-06-27 00:00:00.0  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 1985-05-18 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN446  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General  
Date Violation was Determined: 1988-06-13 00:00:00.0  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Enforcement Identifier: 032  
Date of Enforcement Action: 1988-06-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1989-05-24 00:00:00.0
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-06-30 00:00:00.0
Enforcement Identifier:	024
Date of Enforcement Action:	1989-06-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1989-05-24 00:00:00.0  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 000  
Date of Enforcement Action: 1989-03-14 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R4033  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 2500  
Final Monetary Amount: 2500  
Paid Amount: Not reported  
Final Count: 1  
Final Amount: 2500

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Enforcement Identifier: 004  
Date of Enforcement Action: 1990-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1993-12-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	5000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-03-09 00:00:00.0
Actual Return to Compliance Date:	2015-03-10 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1989-05-24 00:00:00.0  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1989-06-30 00:00:00.0  
Enforcement Identifier: 024  
Date of Enforcement Action: 1989-06-02 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN318  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 1984-12-14 00:00:00.0  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported



Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Enforcement Identifier: 004  
Date of Enforcement Action: 1990-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN301  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	386
Date of Enforcement Action:	1991-12-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8000
Final Monetary Amount:	0
Paid Amount:	Not reported
Final Count:	1
Final Amount:	0
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1995-03-28 00:00:00.0
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Enforcement Identifier:	438
Date of Enforcement Action:	1995-05-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - Manifest  
 Date Violation was Determined: 1997-03-04 00:00:00.0  
 Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: 094  
 Date of Enforcement Action: 1997-06-13 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: 97-H0061

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1988-12-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-05-24 00:00:00.0
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-06-30 00:00:00.0
Enforcement Identifier:	024
Date of Enforcement Action:	1989-06-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 2003-02-19 00:00:00.0  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 120  
Date of Enforcement Action: 2003-03-04 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2006-02-13 00:00:00.0  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2006-05-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 06-H0020  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN421  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 1984-06-27 00:00:00.0  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - General  
 Date Violation was Determined: 2006-02-13 00:00:00.0  
 Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
 Return to Compliance Qualifier: Documented  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: 001  
 Date of Enforcement Action: 2006-07-18 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: No  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: WRITTEN INFORMAL  
 Enforcement Responsible Person: TN507  
 Enforcement Responsible Sub-Organization: 03  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: TSD - General Facility Standards  
 Date Violation was Determined: 1985-04-30 00:00:00.0  
 Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
 Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-08-30 00:00:00.0
Actual Return to Compliance Date:	1989-08-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-08-30 00:00:00.0
Enforcement Identifier:	011
Date of Enforcement Action:	1989-08-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1988-06-13 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - Pre-transport  
 Date Violation was Determined: 1997-03-04 00:00:00.0  
 Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: 094  
 Date of Enforcement Action: 1997-06-13 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: 97-H0061

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	386
Date of Enforcement Action:	1991-12-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8000
Final Monetary Amount:	0
Paid Amount:	Not reported
Final Count:	1
Final Amount:	0
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 210  
Date of Enforcement Action: 2005-01-11 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 1984-12-14 00:00:00.0  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 2001-08-22 00:00:00.0  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2002-02-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 02-H0008  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
 Direction  
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 1995-03-28 00:00:00.0  
Actual Return to Compliance Date: 1995-05-09 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1995-05-09 00:00:00.0  
Enforcement Identifier: 438  
Date of Enforcement Action: 1995-05-09 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN438  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD IS-Ground-Water Monitoring  
Date Violation was Determined: 1991-03-13 00:00:00.0  
Actual Return to Compliance Date: 1991-07-15 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1991-07-26 00:00:00.0  
Enforcement Identifier: 001  
Date of Enforcement Action: 1991-06-11 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
 Direction  
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 1984-06-27 00:00:00.0  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 1985-05-18 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN446  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1984-06-27 00:00:00.0  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Enforcement Identifier: 120  
Date of Enforcement Action: 1985-05-18 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Used Oil - Generators  
Date Violation was Determined: 2015-03-09 00:00:00.0  
Actual Return to Compliance Date: 2015-03-10 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 001  
Date of Enforcement Action: 2015-03-31 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN507  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:  
Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-04-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-02-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN462
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-06-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1993-06-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	02
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN070



Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-31 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-10 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-05-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	LDL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-09-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN319
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-03-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2018-10-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-09-12 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-09-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-08-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-11-30 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2006-06-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-30 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-06-11 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2014-02-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-05-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LDL  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-04-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN302
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-08-16 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-23 00:00:00.0
Scheduled Compliance Date:	1989-04-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-03-06 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R4JG  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: RC  
Actual Return to Compliance Date: 1994-06-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-03-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1995-05-09 00:00:00.0  
Scheduled Compliance Date: 1995-05-09 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-05-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN024  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-08-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R4GB  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-10-26 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN386
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: 1988-11-10 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: 1988-11-10 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-06-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 2013-02-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN489  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-03-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-10-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2011-02-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-09-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-05 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	R4WDL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-18 00:00:00.0
Evaluation Responsible Agency:	EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-09-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN462
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1993-09-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1993-10-21 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-07-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: R4WRD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1986-07-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: RC  
Actual Return to Compliance Date: 1994-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-06-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-01-19 00:00:00.0  
Scheduled Compliance Date: 1989-01-05 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN302
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN091
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-07-15 00:00:00.0
Scheduled Compliance Date:	1991-07-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	1991-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-10-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-04-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-04-18 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2008-04-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0

Map ID  
Direction  
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-06-02 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN302  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-01-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1988-06-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-11-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-04-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-04-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1986-08-18 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-04-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-19 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-09-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-03-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1988-06-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: RC  
Actual Return to Compliance Date: 1994-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Scheduled Compliance Date: 1989-06-30 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041



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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-03-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1993-09-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1993-10-21 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-02-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
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MAP FINDINGS

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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-12-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN091  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2015-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2015-03-10 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-01-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0

Map ID  
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EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2012-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Scheduled Compliance Date: 1989-06-30 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-09-12 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-03-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1995-05-09 00:00:00.0  
Scheduled Compliance Date: 1995-05-09 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-06-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN313  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Scheduled Compliance Date:	1989-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-10-31 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-02-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-04-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1996-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN423  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-10-12 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN302  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2020-08-26 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: HDANO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-04-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-04-10 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN091
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-01-07 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-05-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LDL  
Evaluation Responsible Sub-Organization: EC  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-02-12 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-06-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-06-10 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1999-06-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: LDL  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2008-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2018-02-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-07-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN353

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-09-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-04-03 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION  
Evaluation Responsible Person Identifier: TN024  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-08-30 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-08-30 00:00:00.0  
Scheduled Compliance Date: 1989-08-30 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1999-04-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-07-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN386  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-08-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1987-03-04 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-09-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN091
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-04-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-03-28 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-07-15 00:00:00.0
Scheduled Compliance Date:	1991-07-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN091
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2017-03-02 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-03-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN489  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-09-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-04-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN302
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-02-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-10-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2015-03-10 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)

1000883011

RCRA-LQG:

Date Form Received by Agency: 2020-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Handler Address: HIGHWAY 58 & BLAIR ROAD  
Handler City,State,Zip: OAK RIDGE, TN 37830  
EPA ID: TN0890090004  
Contact Name: D. A. POOLE  
Contact Address: P.O. BOX 4699  
Contact City,State,Zip: OAK RIDGE, TN 37831  
Contact Telephone: 865-201-4076  
Contact Fax: Not reported  
Contact Email: TONY.POOLE@ETTP.DOE.GOV  
Contact Title: ENV. COMPLIANCE & PROTECTION MGR.  
EPA Region: 04  
Land Type: Federal  
Federal Waste Generator Description: Large Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: 2019  
Accessibility: Not reported  
Active Site Indicator: Handler Activities  
State District Owner: TN  
State District: 103  
Mailing Address: P.O. BOX 4699  
Mailing City,State,Zip: OAK RIDGE, TN 37831  
Owner Name: U.S. DEPARTMENT OF ENERGY  
Owner Type: Federal  
Operator Name: U.S. DEPARTMENT OF ENERGY  
Operator Type: Federal  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: Yes  
Transfer Facility Activity: Yes  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No  
Universal Waste Indicator: Yes  
Universal Waste Destination Facility: Yes  
Federal Universal Waste: Yes  
Active Site Fed-Reg Treatment Storage and Disposal Facility: Land Disposal, Incineration, Storage, Treatment  
Active Site Converter Treatment storage and Disposal Facility: Not reported  
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
Active Site State-Reg Handler: ---  
Federal Facility Indicator: The land is federally-owned  
Hazardous Secondary Material Indicator: N  
Sub-Part K Indicator: Not reported  
Commercial TSD Indicator: Yes  
Treatment Storage and Disposal Type: Land Disposal, Incineration, Storage, Treatment  
2018 GPRA Permit Baseline: Not on the Baseline  
2018 GPRA Renewals Baseline: Accomplished  
Permit Renewals Workload Universe: Not reported  
Permit Workload Universe: Not reported  
Permit Progress Universe: Land Disposal, Storage, Treatment  
Post-Closure Workload Universe: Land Disposal  
Closure Workload Universe: Land Disposal, Storage, Treatment

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

202 GPRC Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-12-11 10:44:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM

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U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)

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Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE,

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1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F002

Waste Description:

THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F003

Waste Description:

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F004

Waste Description:

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F005

Waste Description:

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F006

Waste Description:

WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.



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Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	F008
Waste Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F009
Waste Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F011
Waste Description:	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
Waste Code:	F023
Waste Description:	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)
Waste Code:	F027
Waste Description:	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
Waste Code:	F038
Waste Description:	PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
Waste Code:	F039
Waste Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
Waste Code:	P002
Waste Description:	1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

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Waste Code:	P003
Waste Description:	2-PROPENAL (OR) ACROLEIN
Waste Code:	P004
Waste Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN
Waste Code:	P010
Waste Description:	ARSENIC ACID H3ASO4
Waste Code:	P011
Waste Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Waste Code:	P012
Waste Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code:	P014
Waste Description:	BENZENETHIOL (OR) THIOPHENOL
Waste Code:	P015
Waste Description:	BERYLLIUM
Waste Code:	P022
Waste Description:	CARBON DISULFIDE
Waste Code:	P024
Waste Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Waste Code:	P027
Waste Description:	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-
Waste Code:	P028
Waste Description:	BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P037
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN
Waste Code:	P039
Waste Description:	DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER
Waste Code:	P041
Waste Description:	DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER
Waste Code:	P042
Waste Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

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U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)

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Waste Code:	P044
Waste Description:	DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER
Waste Code:	P047
Waste Description:	4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
Waste Code:	P048
Waste Description:	2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-
Waste Code:	P050
Waste Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Waste Code:	P051
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Waste Code:	P059
Waste Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-(OR) HEPTACHLOR
Waste Code:	P060
Waste Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Waste Code:	P071
Waste Description:	METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P077
Waste Description:	BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE
Waste Code:	P078
Waste Description:	NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2
Waste Code:	P082
Waste Description:	METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE
Waste Code:	P085
Waste Description:	DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE
Waste Code:	P092
Waste Description:	MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE
Waste Code:	P094
Waste Description:	PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

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Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P103
Waste Description:	SELENOUREA
Waste Code:	P104
Waste Description:	SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)
Waste Code:	P105
Waste Description:	SODIUM AZIDE
Waste Code:	P106
Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	P113
Waste Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3
Waste Code:	P119
Waste Description:	AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT
Waste Code:	P120
Waste Description:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code:	P123
Waste Description:	TOXAPHENE
Waste Code:	U001
Waste Description:	ACETALDEHYDE (I) (OR) ETHANAL (I)
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U003
Waste Description:	ACETONITRILE (I,T)
Waste Code:	U004
Waste Description:	ACETOPHENONE (OR) ETHANONE, 1-PHENYL-
Waste Code:	U005
Waste Description:	2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL
Waste Code:	U006
Waste Description:	ACETYL CHLORIDE (C,R,T)
Waste Code:	U007
Waste Description:	2-PROPENAMIDE (OR) ACRYLAMIDE
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U009
Waste Description:	2-PROPENENITRILE (OR) ACRYLONITRILE
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYLOXY)METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET

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HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR)  
MITOMYCIN C

Waste Code: U011  
Waste Description: 1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE

Waste Code: U012  
Waste Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Waste Code: U017  
Waste Description: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

Waste Code: U018  
Waste Description: BENZ[A]ANTHRACENE

Waste Code: U019  
Waste Description: BENZENE (I,T)

Waste Code: U020  
Waste Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Waste Code: U021  
Waste Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Waste Code: U022  
Waste Description: BENZO[A]PYRENE

Waste Code: U024  
Waste Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Waste Code: U025  
Waste Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Waste Code: U027  
Waste Description: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

Waste Code: U028  
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Waste Code: U029  
Waste Description: METHANE, BROMO- (OR) METHYL BROMIDE

Waste Code: U030  
Waste Description: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

Waste Code: U031  
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U032  
Waste Description: CALCIUM CHROMATE (OR) CHROMIC ACID H<sub>2</sub>CrO<sub>4</sub>, CALCIUM SALT

Waste Code: U033  
Waste Description: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

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Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U038
Waste Description:	BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE
Waste Code:	U039
Waste Description:	P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U042
Waste Description:	2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-
Waste Code:	U043
Waste Description:	ETHENE, CHLORO- (OR) VINYL CHLORIDE
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U045
Waste Description:	METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)
Waste Code:	U046
Waste Description:	CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-
Waste Code:	U047
Waste Description:	BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-
Waste Code:	U048
Waste Description:	O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-
Waste Code:	U049
Waste Description:	4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE
Waste Code:	U050
Waste Description:	CHRYSENE
Waste Code:	U051
Waste Description:	CREOSOTE
Waste Code:	U052
Waste Description:	CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Map ID  
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MAP FINDINGS

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U053
Waste Description:	2-BUTENAL (OR) CROTONALDEHYDE
Waste Code:	U055
Waste Description:	BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)
Waste Code:	U056
Waste Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Waste Code:	U057
Waste Description:	CYCLOHEXANONE (I)
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U060
Waste Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Waste Code:	U061
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code:	U063
Waste Description:	DIBENZ[A,H]ANTHRACENE
Waste Code:	U064
Waste Description:	BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE
Waste Code:	U069
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U071
Waste Description:	BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U076
Waste Description:	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U078
Waste Description:	1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-
Waste Code:	U079
Waste Description:	1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Map ID  
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Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U081
Waste Description:	2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-
Waste Code:	U083
Waste Description:	PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE
Waste Code:	U086
Waste Description:	HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE
Waste Code:	U088
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U096
Waste Description:	ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R) (OR) HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL- (R)
Waste Code:	U101
Waste Description:	2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-
Waste Code:	U102
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U106
Waste Description:	2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-
Waste Code:	U107
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U110
Waste Description:	1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)
Waste Code:	U111
Waste Description:	1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U113
Waste Description:	2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U118
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
Waste Code:	U119



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Distance  
Elevation

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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Description:	ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER
Waste Code:	U120
Waste Description:	FLUORANTHENE
Waste Code:	U121
Waste Description:	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U123
Waste Description:	FORMIC ACID (C,T)
Waste Code:	U124
Waste Description:	FURAN (I) (OR) FURFURAN (I)
Waste Code:	U125
Waste Description:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code:	U126
Waste Description:	GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE
Waste Code:	U127
Waste Description:	BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE
Waste Code:	U128
Waste Description:	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U130
Waste Description:	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE
Waste Code:	U131
Waste Description:	ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE
Waste Code:	U133
Waste Description:	HYDRAZINE (R,T)
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U138
Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U140
Waste Description:	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
Waste Code:	U144
Waste Description:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code:	U147
Waste Description:	2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

Map ID  
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Site

Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U156
Waste Description:	CARBOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)
Waste Code:	U157
Waste Description:	3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-
Waste Code:	U158
Waste Description:	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U160
Waste Description:	2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
Waste Code:	U161
Waste Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code:	U162
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Waste Code:	U163
Waste Description:	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U167
Waste Description:	1-NAPHTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE
Waste Code:	U169
Waste Description:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code:	U170
Waste Description:	P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-
Waste Code:	U176
Waste Description:	N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-
Waste Code:	U177
Waste Description:	N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-
Waste Code:	U179
Waste Description:	N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-

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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U180
Waste Description:	N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-
Waste Code:	U181
Waste Description:	5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO
Waste Code:	U182
Waste Description:	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE
Waste Code:	U184
Waste Description:	ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE
Waste Code:	U185
Waste Description:	BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U194
Waste Description:	1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)
Waste Code:	U196
Waste Description:	PYRIDINE
Waste Code:	U204
Waste Description:	SELENIOUS ACID (OR) SELENIUM DIOXIDE
Waste Code:	U208
Waste Description:	1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-
Waste Code:	U209
Waste Description:	1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U216
Waste Description:	THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE
Waste Code:	U217
Waste Description:	NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE
Waste Code:	U218
Waste Description:	ETHANETHIOAMIDE (OR) THIOACETAMIDE
Waste Code:	U219
Waste Description:	THIOUREA
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE

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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code:	U221
Waste Description:	BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE
Waste Code:	U222
Waste Description:	BENZENAMINE, 2-METHYL-, HYDROCHLORIDE (OR) O-TOLUIDINE HYDROCHLORIDE
Waste Code:	U223
Waste Description:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code:	U225
Waste Description:	BROMOFORM (OR) METHANE, TRIBROMO-
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code:	U227
Waste Description:	1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U235
Waste Description:	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
Waste Code:	U236
Waste Description:	2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE
Waste Code:	U237
Waste Description:	2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD
Waste Code:	U238
Waste Description:	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U240
Waste Description:	2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D
Waste Code:	U243
Waste Description:	1-PROPENE, 1,1,2,3,3,3-HEXACHLORO- (OR) HEXACHLOROPROPENE
Waste Code:	U247
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR
Waste Code:	U249
Waste Description:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

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MAP FINDINGS

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Waste Code: U383  
Waste Description: CARBAMODITHIOIC ACID, DIMETHYL, POTASSIUM SALT (OR) POTASSIUM DIMETHYLDITHIOCARBAMATE

Waste Code: U404  
Waste Description: U404

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: ETTP (K-25) K-1202-420-A  
Legal Status: Federal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: TENNESSEE STATE RT 58 BLAIR RO  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37000-0000  
Owner/Operator Telephone: 865-574-5924  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: CHERYL D. CABBIL  
Legal Status: Federal  
Date Became Current: 1942-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: K-1225, MS 7294  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831-4699  
Owner/Operator Telephone: 865-241-1181  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: MARK L. ALLEN  
Legal Status: Federal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: HIGHWAY 58  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831-7131  
Owner/Operator Telephone: 865-576-8321  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: U.S. DEPARTMENT OF ENERGY  
Legal Status: Federal  
Date Became Current: 1942-01-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: P.O. BOX 2001  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831  
Owner/Operator Telephone: 865-241-9504  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: JAMES.DAFFRON@OREM.DOE.GOV

Owner/Operator Indicator: Owner

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-7136
Owner/Operator Telephone:	865-576-8635
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2001
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831
Owner/Operator Telephone:	865-241-9504
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JAMES.DAFFRON@OREM.DOE.GOV
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2001
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831
Owner/Operator Telephone:	865-574-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	865-576-5333
Owner/Operator Email:	CAINWA@EMOR.DOE.GOV
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-7136
Owner/Operator Telephone:	865-576-8635
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-2001
Owner/Operator Telephone:	865-576-9441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHERYL D. CABBIL
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	K-1225, MS 7294
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-4699
Owner/Operator Telephone:	865-241-1181
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ETTP (K-25) K-1202-420-A
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TENNESSEE STATE RT 58 BLAIR RO
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37000-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-2001
Owner/Operator Telephone:	865-576-9441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	U.S. DEPARTMENT OF ENERGY
Legal Status:	Federal
Date Became Current:	1942-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 2001
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831
Owner/Operator Telephone:	865-574-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	865-576-5333
Owner/Operator Email:	CAINWA@EMOR.DOE.GOV
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK L. ALLEN
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 58
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37831-7131

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Owner/Operator Telephone: 865-576-8321  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
  
Owner/Operator Indicator: Operator  
Owner/Operator Name: D.A. POOLE  
Legal Status: Federal  
Date Became Current: 2015-12-21 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: K-1007 MS 7123 PO BOX 4699  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37831  
Owner/Operator Telephone: 865-241-3591  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2018-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2020-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 2000-03-16 00:00:00.0  
Handler Name: US DEPT OF ENERGY EAST TN TECHNOLOGY PAR  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Receive Date: 2003-02-28 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2004-03-01 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2013-02-26 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2015-12-16 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1990-03-01 00:00:00.0  
Handler Name: UNITED STATES DEPT OF ENERGY K-25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No

Map ID  
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Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1992-01-01 00:00:00.0  
Handler Name: UNITED STATES DEPT OF ENERGY K 25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-01 00:00:00.0  
Handler Name: UNITED STATES DEPT. OF ENERGY K-25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1995-03-01 00:00:00.0  
Handler Name: UNITED STATES DEPT. OF ENERGY K-25 SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1997-03-01 00:00:00.0  
Handler Name: US DEPT OF ENERGY E TN TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-01 00:00:00.0  
Handler Name: U S DOE EAST TN TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-25 00:00:00.0  
Handler Name: U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325188  
NAICS Description: ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

NAICS Code: 325998  
NAICS Description: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

NAICS Code: 562211  
NAICS Description: HAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2005-03-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 05-H0009  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1985-04-18 00:00:00.0
Actual Return to Compliance Date:	1985-04-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 210  
Date of Enforcement Action: 2005-01-11 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800



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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1997-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-166
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1993-12-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	5000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1988-12-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	024
Date of Enforcement Action:	1989-06-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1995-03-28 00:00:00.0
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Enforcement Identifier:	438
Date of Enforcement Action:	1995-05-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1999-02-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-0378/H0023
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	TN
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	46144
Paid Amount:	46144

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	1
Final Amount:	46144
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	SRS
Date of Enforcement Action:	1999-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	99-0372
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	COMMISSIONER'S ORDER
Enforcement Responsible Person:	TNSRS
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	500000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2006-06-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-08 00:00:00.0
Actual Return to Compliance Date:	1988-11-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-04-30 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-08 00:00:00.0
Actual Return to Compliance Date:	1988-11-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	041
Date of Enforcement Action:	1987-06-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1993-12-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	5000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1994-02-18 00:00:00.0  
Actual Return to Compliance Date: 1994-06-11 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1995-03-28 00:00:00.0  
Actual Return to Compliance Date: 1995-05-09 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1995-05-09 00:00:00.0  
Enforcement Identifier: 438  
Date of Enforcement Action: 1995-05-09 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN438  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	024
Date of Enforcement Action:	1989-06-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2006-06-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1989-05-24 00:00:00.0
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1989-03-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R4033
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2500
Final Monetary Amount:	2500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	2500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1986-07-22 00:00:00.0
Actual Return to Compliance Date:	1986-07-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1988-12-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
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 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1991-03-13 00:00:00.0
Actual Return to Compliance Date:	1991-07-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-07-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1991-06-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1989-03-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R4033  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 2500  
Final Monetary Amount: 2500  
Paid Amount: Not reported  
Final Count: 1  
Final Amount: 2500

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - Pre-transport  
Date Violation was Determined: 1997-03-04 00:00:00.0  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: SRS  
Date of Enforcement Action: 1999-09-21 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 99-0372  
Enforcement Attorney: TN  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: COMMISSIONER'S ORDER  
Enforcement Responsible Person: TNSRS  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 500000  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
 Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2003-02-19 00:00:00.0
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2003-03-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1985-04-18 00:00:00.0
Actual Return to Compliance Date:	1985-04-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1991-06-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1988-06-13 00:00:00.0  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Enforcement Identifier: 032  
Date of Enforcement Action: 1988-06-24 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN318  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 22800  
Final Monetary Amount: Not reported  
Paid Amount: 22800  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: LDR - General  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1999-02-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-0378/H0023
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement Responsible Person: TN  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: 46144  
Paid Amount: 46144  
Final Count: 1  
Final Amount: 46144

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 1990-08-27 00:00:00.0  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Enforcement Identifier: 004  
Date of Enforcement Action: 1990-09-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN301  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1988-06-13 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1989-03-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R4033
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2500
Final Monetary Amount:	2500
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	1
Final Amount:	2500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1986-08-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1997-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-166
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-02-19 00:00:00.0
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2003-03-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General Facility Standards  
Date Violation was Determined: 2005-02-22 00:00:00.0  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 125  
Date of Enforcement Action: 2005-03-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 05-H0009  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2003-02-19 00:00:00.0
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2003-03-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1989-03-15 00:00:00.0
Actual Return to Compliance Date:	1989-06-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	1989-06-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-06-13 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - General  
 Date Violation was Determined: 1989-05-24 00:00:00.0  
 Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: 1989-06-30 00:00:00.0  
 Enforcement Identifier: 024  
 Date of Enforcement Action: 1989-06-02 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: No  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: WRITTEN INFORMAL  
 Enforcement Responsible Person: TN318  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1993-09-21 00:00:00.0
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1989-05-24 00:00:00.0
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1989-03-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R4033
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2500
Final Monetary Amount:	2500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	2500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	438
Date of Enforcement Action:	1993-12-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	5000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-03-09 00:00:00.0
Actual Return to Compliance Date:	2015-03-10 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN446
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1989-05-24 00:00:00.0
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-06-30 00:00:00.0
Enforcement Identifier:	024
Date of Enforcement Action:	1989-06-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
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 Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	386
Date of Enforcement Action:	1991-12-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8000
Final Monetary Amount:	0
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	1
Final Amount:	0
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1995-03-28 00:00:00.0
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Enforcement Identifier:	438
Date of Enforcement Action:	1995-05-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	094
Date of Enforcement Action:	1997-06-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-H0061
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1988-12-05 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-05-24 00:00:00.0
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-06-30 00:00:00.0
Enforcement Identifier:	024
Date of Enforcement Action:	1989-06-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-02-19 00:00:00.0
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	120
Date of Enforcement Action:	2003-03-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-09-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	2001-12-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN375
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-08-30 00:00:00.0
Actual Return to Compliance Date:	1989-08-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-08-30 00:00:00.0
Enforcement Identifier:	011
Date of Enforcement Action:	1989-08-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-02-18 00:00:00.0
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	030
Date of Enforcement Action:	1988-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1988-06-13 00:00:00.0
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Enforcement Identifier:	032
Date of Enforcement Action:	1988-06-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN318
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1985-04-30 00:00:00.0
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1997-03-04 00:00:00.0
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	094
Date of Enforcement Action:	1997-06-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	97-H0061
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	501
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	386
Date of Enforcement Action:	1991-12-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	8000
Final Monetary Amount:	0
Paid Amount:	Not reported
Final Count:	1
Final Amount:	0
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-22 00:00:00.0
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2002-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	02-H0008
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: ENF. ACTION REQUEST  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2004-03-26 00:00:00.0  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 127  
Date of Enforcement Action: 2004-10-27 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: 04-H0018  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: SHOW CAUSE MEETING  
Enforcement Responsible Person: TN094  
Enforcement Responsible Sub-Organization: 00  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-07-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN507
Enforcement Responsible Sub-Organization:	03
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2002-07-18 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	1995-03-28 00:00:00.0
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Enforcement Identifier:	438
Date of Enforcement Action:	1995-05-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN438
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1991-03-13 00:00:00.0
Actual Return to Compliance Date:	1991-07-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-07-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1991-06-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN386
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
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EDR ID Number  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1988-09-06 00:00:00.0
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1984-12-14 00:00:00.0
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1990-08-27 00:00:00.0
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1990-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN301
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
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**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2006-02-13 00:00:00.0
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-05-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	06-H0020
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN421
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	2005-01-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	22800
Final Monetary Amount:	Not reported
Paid Amount:	22800
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1984-06-27 00:00:00.0
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Enforcement Identifier:	120
Date of Enforcement Action:	1985-05-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	TN
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: WRITTEN INFORMAL  
 Enforcement Responsible Person: TN446  
 Enforcement Responsible Sub-Organization: 00  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: TSD - Container Use and Management  
 Date Violation was Determined: 1984-06-27 00:00:00.0  
 Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
 Return to Compliance Qualifier: Observed  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: 1985-05-18 00:00:00.0  
 Enforcement Identifier: 120  
 Date of Enforcement Action: 1985-05-18 00:00:00.0  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: TN  
 Corrective Action Component: No  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: WRITTEN INFORMAL  
 Enforcement Responsible Person: TN446  
 Enforcement Responsible Sub-Organization: 00  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
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MAP FINDINGS

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EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-10-14 00:00:00.0
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	060
Date of Enforcement Action:	1992-12-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TN070
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2004-03-26 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	127
Date of Enforcement Action:	2004-10-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	04-H0018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SHOW CAUSE MEETING
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	2005-02-22 00:00:00.0
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	125
Date of Enforcement Action:	2005-03-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	05-H0009
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	ENF. ACTION REQUEST
Enforcement Responsible Person:	TN094
Enforcement Responsible Sub-Organization:	00
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-03-09 00:00:00.0
Actual Return to Compliance Date:	2015-03-10 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: TN507  
Enforcement Responsible Sub-Organization: 03  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-04-18 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1999-09-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-02-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN462
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-06-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN070

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	02
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-02-10 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-05-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: LDL  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-01-19 00:00:00.0  
Scheduled Compliance Date: 1989-01-05 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: 1988-11-10 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-09-19 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION  
Evaluation Responsible Person Identifier: TN319  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-03-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1995-05-09 00:00:00.0  
Scheduled Compliance Date: 1995-05-09 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-12-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-12 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-09-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2009-08-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN421  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-11-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-06-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-04-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-06-11 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2010-02-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-05-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	LDL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2016-03-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-04-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN302  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1996-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1996-08-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-23 00:00:00.0  
Scheduled Compliance Date: 1989-04-30 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1996-09-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-08-29 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-03-06 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R4JG  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-03-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-05-15 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN024
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-08-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-10-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	1991-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN386
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: 1988-11-10 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: 1988-11-10 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2006-06-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2013-02-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN489  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-10-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-08 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-02-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN462
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-05 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	R4WDL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	1993-09-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-09-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-04-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-08 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-07-22 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R4WRD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-07-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-06-26 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN462
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-03-31 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-08-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN302  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-12-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN091  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1991-07-15 00:00:00.0  
Scheduled Compliance Date: 1991-07-26 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1985-04-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN041

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	1988-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-10-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2003-04-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-04-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date:	2008-04-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-06-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN302

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-01-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER  
Evaluation Responsible Person Identifier: TN094  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-06-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-09-06 00:00:00.0  
Scheduled Compliance Date: 1988-08-04 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-11-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-08-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-04-28 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-02-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 2003-02-19 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-09-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1993-09-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1993-10-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-03-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-18 00:00:00.0
Scheduled Compliance Date:	1985-05-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-30 00:00:00.0
Scheduled Compliance Date:	1989-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-30 00:00:00.0
Evaluation Responsible Agency:	State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN462  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1993-09-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1993-10-21 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-02-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN091
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 2015-03-09 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2015-03-10 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-01-30 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2012-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-06-20 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1989-06-30 00:00:00.0  
Scheduled Compliance Date: 1989-06-30 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-07-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	2001-12-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-03-28 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN313
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1997-04-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-01-19 00:00:00.0
Scheduled Compliance Date:	1989-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-30 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: 1989-06-30 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1996-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-10-31 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-19 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2003-04-28 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1999-04-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-07-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2008-04-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN423
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN302
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-08-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	HDANO
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-22 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-04-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-04-10 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R4GB  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-12-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN091  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-01-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-08-22 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-07-30 00:00:00.0  
Scheduled Compliance Date: 2001-12-14 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1998-05-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: LDL  
Evaluation Responsible Sub-Organization: EC  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2007-02-12 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-06-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-06-10 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN070

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1999-06-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: LDL  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2008-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-06-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2005-06-01 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-09-15 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-04-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN024
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-08-30 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-08-30 00:00:00.0
Scheduled Compliance Date:	1989-08-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JHC
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1994-02-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-11-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN301
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	1990-11-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN318
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-06 00:00:00.0
Scheduled Compliance Date:	1988-08-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-05-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1999-04-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-07-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN386  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1997-03-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN438  
Evaluation Responsible Sub-Organization: 00  
Actual Return to Compliance Date: 1997-04-20 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-09-17 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-10-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: TN070  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-12-02 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2020-08-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-03-04 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1984-12-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2002-07-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-13 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-05-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-07-18 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: JHC  
Evaluation Responsible Sub-Organization: ECB  
Actual Return to Compliance Date: 2002-09-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-12-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN091  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-07-07 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-04-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN094
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-03-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	1995-05-09 00:00:00.0
Scheduled Compliance Date:	1995-05-09 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN041
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-07-15 00:00:00.0
Scheduled Compliance Date:	1991-07-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Date: 1988-09-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN318  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-11-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1984-12-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN091  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1984-12-14 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-08-27 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN301  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-11-01 00:00:00.0  
Scheduled Compliance Date: 1990-11-01 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2006-02-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2008-04-22 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2017-03-02 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2001-03-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN489  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1986-10-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN041  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1985-05-18 00:00:00.0  
Scheduled Compliance Date: 1985-05-18 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN375
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN353
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	TN421
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-04-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	TN302
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-10-14 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	TN070
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN438
Evaluation Responsible Sub-Organization:	00
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	2005-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-02-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN507
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-10-31 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: TN353  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2015-03-10 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION  
Evaluation Responsible Person Identifier: TN507  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: 2015-03-10 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**U.S. DOE, EAST TENNESSEE TECHNOLOGY PARK (Continued)**

**1000883011**

2020 COR ACTION:

EPA ID: TN0890090004  
 Region: 4  
 Action: Not reported

PADS:

Name: US DOE OAK RIDGE DIFFUSION PLT  
 Address: OAK RIDGE TURNPIKE & BLAIR RD  
 Address 2: Not reported  
 City,State,Zip: OAK RIDGE, TN 37830  
 EDR ID: 1000883011  
 EPAID: TN0890090004  
 Region: 4  
 Generator: Y  
 Storer: N  
 Disposer: Y  
 Transporter: Y  
 Smelter: N  
 Research Facility: N  
 Mailing Address: K 25 SITE OFFICE PO BOX 2003  
 Mailing Address 2: Not reported  
 Mailing City: OAK RIDGE  
 Mailing State: TN  
 Mailing Zip: 37831-7468  
 Mailing Country: US  
 Owner Name: US DEPARTMENT OF ENERGY  
 Certification Date: 04/03/1990  
 Contact Name: MARIANNE M HEISKELL  
 Contact Title: Not reported  
 Contact Telephone: 615-576-0314  
 Contact Text: Not reported  
 Contact Email: Not reported

13  
 SSE  
 > 1  
 1.081 mi.  
 5707 ft.

**IT ENVIRONMENTAL TECH DEV CTR**  
**1570 BEAR CREEK RD**  
**OAK RIDGE, TN 37830**

**RCRA NonGen / NLR** 1000883552  
**PADS** TND981933120

**Relative:**  
**Higher**  
**Actual:**  
**803 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2010-07-06 00:00:00.0  
 Handler Name: SHAW ENVIRONMENTAL INC.  
 Handler Address: 1570 BEAR CREEK ROAD  
 Handler City,State,Zip: OAK RIDGE, TN 37763  
 EPA ID: TND981933120  
 Contact Name: STEPHEN E CROUCH  
 Contact Address: DIRECTORS DRIVE  
 Contact City,State,Zip: KNOXVILLE, TN 37923-4705  
 Contact Telephone: 865-560-5267  
 Contact Fax: 865-694-9573  
 Contact Email: STEPHEN.CROUCH@SHAWGRP.COM  
 Contact Title: ENVIRONMENTAL COMPLIANCE COORDINATOR  
 EPA Region: 04  
 Land Type: Private  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	TN
State District:	103
Mailing Address:	DIRECTORS DRIVE
Mailing City, State, Zip:	KNOXVILLE, TN 37923-4705
Owner Name:	SHAW ENVIRONMENTAL, INC.
Owner Type:	Private
Operator Name:	SHAW ENVIRONMENTAL, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

IT ENVIRONMENTAL TECH DEV CTR (Continued)

1000883552

Handler Date of Last Change:	2012-04-09 14:27:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

IT ENVIRONMENTAL TECH DEV CTR (Continued)

1000883552

Waste Code: F001  
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002  
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: K051  
Waste Description: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: U051  
Waste Description: CREOSOTE

Handler - Owner Operator:  
Owner/Operator Indicator: Operator  
Owner/Operator Name: PAUL LEAR, LAB DIRECTOR  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1570 BEAR CREEK RD  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: 865-482-6497

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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IT ENVIRONMENTAL TECH DEV CTR (Continued)

1000883552

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOEL A. ISHAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1570 BEAR CREEK RD
Owner/Operator City,State,Zip:	KINGSTON, TN 37830
Owner/Operator Telephone:	865-482-6497
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHAW ENVIRONMENTAL, INC.
Legal Status:	Private
Date Became Current:	2002-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4171 ESSEN LANE
Owner/Operator City,State,Zip:	BATON ROUGE, LA 70809-2157
Owner/Operator Telephone:	225-925-5604
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHAW ENVIRONMENTAL INC
Legal Status:	Private
Date Became Current:	2002-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4171 ESSEN LANE
Owner/Operator City,State,Zip:	BATON ROUGE, LA 70809
Owner/Operator Telephone:	225-925-5604
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHAW ENVIRONMENTAL INC
Legal Status:	Private
Date Became Current:	2002-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4171 ESSEN LANE
Owner/Operator City,State,Zip:	BATON ROUGE, LA 70809
Owner/Operator Telephone:	225-925-5604
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHAW ENVIRONMENTAL INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

Owner/Operator Address: 4171 ESSEN LANE  
Owner/Operator City,State,Zip: BATON ROUGE, LA 70809  
Owner/Operator Telephone: 225-925-5604  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: JOEL A. ISHAM  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1570 BEAR CREEK RD  
Owner/Operator City,State,Zip: KINGSTON, TN 37830  
Owner/Operator Telephone: 865-482-6497  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: SHAW ENVIRONMENTAL, INC.  
Legal Status: Private  
Date Became Current: 2002-04-28 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1570 BEAR CREEK ROAD  
Owner/Operator City,State,Zip: KINGSTON, TN 37763  
Owner/Operator Telephone: 865-482-6497  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SHAW ENVIRONMENTAL INC  
Legal Status: Private  
Date Became Current: 2002-04-28 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 4171 ESSEN LANE  
Owner/Operator City,State,Zip: BATON ROUGE, LA 70809  
Owner/Operator Telephone: 225-925-5604  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: PAUL LEAR, LAB DIRECTOR  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 1570 BEAR CREEK RD  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: 865-482-6497  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SHAW ENVIRONMENTAL INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

Legal Status: Private  
Date Became Current: 2002-04-28 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 4171 ESSEN LANE  
Owner/Operator City,State,Zip: BATON ROUGE, LA 70809  
Owner/Operator Telephone: 225-925-5604  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1998-02-17 00:00:00.0  
Handler Name: SHAW ENVIRONMENTAL INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2003-01-27 00:00:00.0  
Handler Name: SHAW ENVIRONMENTAL INC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2004-03-02 00:00:00.0  
Handler Name: SHAW ENVIRONMENTAL INC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-03-03 00:00:00.0  
Handler Name: SHAW ENVIRONMENTAL INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2009-02-26 00:00:00.0  
Handler Name: SHAW ENVIRONMENTAL INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2010-07-06 00:00:00.0  
Handler Name: SHAW ENVIRONMENTAL INC.  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54138  
NAICS Description: TESTING LABORATORIES

NAICS Code: 541712  
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

IT ENVIRONMENTAL TECH DEV CTR (Continued)

1000883552

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported  
  
Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 2008-05-06 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN503  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1993-04-27 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN436
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-04-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TN436
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**IT ENVIRONMENTAL TECH DEV CTR (Continued)**

**1000883552**

**PADS:**

Name:	IT ENVIRONMENTAL TECH DEV CTR
Address:	1570 BEAR CREEK RD
Address 2:	Not reported
City,State,Zip:	OAK RIDGE, TN 37830
EDR ID:	1000883552
EPAID:	TND981933120
Region:	4
Generator:	Y
Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N
Mailing Address:	312 DIRECTORS DR
Mailing Address 2:	Not reported
Mailing City:	KNOXVILLE
Mailing State:	TN
Mailing Zip:	37923
Mailing Country:	US
Owner Name:	IT CORP
Certification Date:	03/27/1990
Contact Name:	TOM GEISLER
Contact Title:	Not reported
Contact Telephone:	615-482-6497
Contact Text:	Not reported
Contact Email:	Not reported

**14**  
**SSE**  
 > 1  
 1.087 mi.  
 5740 ft.

**DURATEK SERVICES, INC.**  
**DURATEK SERVICES, INC.**  
**ROANE (County), TN 37830**

**TN SWF/LF**    **S108635593**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**805 ft.**

<b>SWF/LF:</b>	
Name:	DURATEK SERVICES, INC.
Address:	DURATEK SERVICES, INC.
City,State,Zip:	TN 37830
Facility ID:	TRF730001328
Status:	Inactive
Permittee:	DURATEK SERVICES, INC.
Issuance:	06/27/2001
Mailing Address:	1560 Bear Creek Road
Mailing City:	Oak Ridge
Latitude:	35.913297
Longitude:	-84.38266
Permit ID:	1346
Site ID:	8220
Application to NCO:	-
Activity:	COMMERCIAL AND GOVERNMENT WASTE

Map ID  
 Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**15**  
**SSE**  
**> 1**  
**1.142 mi.**  
**6032 ft.**

**ATG CATALYTIC**  
**1556 BEAR CREEK ROAD**  
**KINGSTON, TN 37763**

**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**1001203638**  
**TNR000004101**

**Relative:**  
**Higher**  
**Actual:**  
**790 ft.**

RCRA NonGen / NLR:		2017-10-17 00:00:00.0
Date Form Received by Agency:		
Handler Name:	ATG CATALYTIC	
Handler Address:		1556 BEAR CREEK ROAD
Handler City,State,Zip:		KINGSTON, TN 37763
EPA ID:		TNR000004101
Contact Name:		MIKE MCCAULEY
Contact Address:		1556 BEAR CREEK ROAD
Contact City,State,Zip:		KINGSTON, TN 37763
Contact Telephone:		423-425-1116
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		04
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		TN
State District:		103
Mailing Address:		EMORY VALLEY ROAD
Mailing City,State,Zip:		OAK RIDGE, TN 37830
Owner Name:		ATG CATALYTIC
Owner Type:		Private
Operator Name:		ATG CATALYTIC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRC Permit Baseline:		Not on the Baseline
2018 GPRC Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ATG CATALYTIC (Continued)**

**1001203638**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-17 09:39:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ATG CATALYTIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1556 BEAR CREEK ROAD
Owner/Operator City,State,Zip:	KINGSTON, TN 37763
Owner/Operator Telephone:	865-425-1116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MIKE.MCCAULEY@ATG.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATG CATALYTIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1556 BEAR CREEK ROAD
Owner/Operator City,State,Zip:	KINGSTON, TN 37763
Owner/Operator Telephone:	865-425-1116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MIKE.MCCAULEY@ATG.COM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATG CATALYTIC (Continued)**

**1001203638**

Historic Generators:

Receive Date: 2000-03-03 00:00:00.0  
Handler Name: ATG CATALYTIC  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2017-10-17 00:00:00.0  
Handler Name: ATG CATALYTIC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 1997-03-01 00:00:00.0  
Handler Name: ATG CATALYTIC  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-01 00:00:00.0  
Handler Name: ATG CATALYTIC  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32512  
NAICS Description: INDUSTRIAL GAS MANUFACTURING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATG CATALYTIC (Continued)**

**1001203638**

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATG CATALYTIC (Continued)**

**1001203638**

Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 2000-11-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: TN500  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-09-23 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: 501  
Evaluation Responsible Sub-Organization: 03  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

FINDS:

Registry ID: 110005004805

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ATG CATALYTIC (Continued)**

**1001203638**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1001203638  
 Registry ID: 110005004805  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005004805>  
 Name: ATG CATALYTIC  
 Address: 1556 BEAR CREEK ROAD  
 City,State,Zip: KINGSTON, TN 37763

16  
 SSE  
 > 1  
 1.188 mi.  
 6274 ft.

**HITTMAN TRANSPORT SERVICES INC.**  
**1560B BEAR CREEK RD**  
**OAK RIDGE, TN 37830**

**RCRA NonGen / NLR** 1023683152  
**PADS** TNR000034686

**Relative:**  
**Lower**  
**Actual:**  
**778 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 2018-11-26 00:00:00.0  
 Handler Name: HITTMAN TRANSPORT SERVICES INC.  
 Handler Address: 1560B BEAR CREEK RD  
 Handler City,State,Zip: OAK RIDGE, TN 37830  
 EPA ID: TNR000034686  
 Contact Name: TAMMY S SUMMERS  
 Contact Address: BEAR CREEK RD  
 Contact City,State,Zip: OAK RIDGE, TN 37830  
 Contact Telephone: 865-220-1385  
 Contact Fax: 865-220-1561  
 Contact Email: TSSUMMERS@ENERGYSOLUTIONS.COM  
 Contact Title: COMPLIANCE MANAGER  
 EPA Region: 04  
 Land Type: Private  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: TN  
 State District: 103  
 Mailing Address: BEAR CREEK RD  
 Mailing City,State,Zip: OAK RIDGE, TN 37830  
 Owner Name: ENERGY SOLUTIONS  
 Owner Type: Private  
 Operator Name: ENERGY SOLUTIONS  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: Yes  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HITTMAN TRANSPORT SERVICES INC. (Continued)**

**1023683152**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-27 10:54:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAREN KIRBY
Legal Status:	Private
Date Became Current:	2006-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1560 BEAR CREEK RD
Owner/Operator City,State,Zip:	OAK RIDGE, TN 37830
Owner/Operator Telephone:	865-220-5816

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITTMAN TRANSPORT SERVICES INC. (Continued)**

**1023683152**

Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: KAREN KIRBY  
Legal Status: Private  
Date Became Current: 2006-06-06 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1560 BEAR CREEK RD  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: 865-220-5816  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ENERGY SOLUTIONS  
Legal Status: Private  
Date Became Current: 2006-06-06 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 423 WEST 300 SOUTH STE 200  
Owner/Operator City,State,Zip: SALT LAKE CITY, UT 84107  
Owner/Operator Telephone: 865-220-5816  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ENERGY SOLUTIONS  
Legal Status: Private  
Date Became Current: 2006-06-06 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 423 WEST 300 SOUTH STE 200  
Owner/Operator City,State,Zip: SALT LAKE CITY, UT 84107  
Owner/Operator Telephone: 865-220-5816  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ENERGY SOLUTIONS  
Legal Status: Private  
Date Became Current: 2006-06-06 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 423 WEST 300 SOUTH STE 200  
Owner/Operator City,State,Zip: SALT LAKE CITY, UT 84107  
Owner/Operator Telephone: 865-220-5816  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ENERGY SOLUTIONS  
Legal Status: Private  
Date Became Current: 2006-06-06 00:00:00.  
Date Ended Current: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITTMAN TRANSPORT SERVICES INC. (Continued)**

**1023683152**

Owner/Operator Address: 423 WEST 300 SOUTH STE 200  
Owner/Operator City,State,Zip: SALT LAKE CITY, UT 84107  
Owner/Operator Telephone: 865-220-5816  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2012-12-28 00:00:00.0  
Handler Name: HITTMAN TRANSPORT SERVICES INC.  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2015-12-31 00:00:00.0  
Handler Name: HITTMAN TRANSPORT SERVICES INC.  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2018-11-26 00:00:00.0  
Handler Name: HITTMAN TRANSPORT SERVICES INC.  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 485991  
NAICS Description: SPECIAL NEEDS TRANSPORTATION

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITTMAN TRANSPORT SERVICES INC. (Continued)**

**1023683152**

Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 2014-10-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: AOO  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**PADS:**

Name: HITTMAN TRANSPORT SERVICES INC.  
Address: 1560 BEAR CREEK RD  
Address 2: Not reported  
City, State, Zip: OAK RIDGE, TN 37830  
EDR ID: 1023683152  
EPAID: TNR000034686

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HITTMAN TRANSPORT SERVICES INC. (Continued)**

**1023683152**

Region: 4  
 Generator: N  
 Storer: N  
 Disposer: N  
 Transporter: Y  
 Smelter: N  
 Research Facility: N  
 Mailing Address: 1560 BEAR CREEK RD  
 Mailing Address 2: PO BOX 2530  
 Mailing City: OAK RIDGE  
 Mailing State: TN  
 Mailing Zip: 37830  
 Mailing Country: US  
 Owner Name: ENERGY SOLUTION COMPANY, INC.  
 Certification Date: 01/29/2020  
 Contact Name: TAMMY SUMMERS  
 Contact Title: COMPLIANCE MANAGER  
 Contact Telephone: 865-220-1385  
 Contact Text: Not reported  
 Contact Email: Not reported

17  
 South  
 > 1  
 1.373 mi.  
 7248 ft.

**TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT**  
**1300 BEAR CREEK ROAD**  
**OAK RIDGE, TN 37402**

**RCRA-SQG 1016452382**  
**FINDS TNR000036616**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

**RCRA-SQG:**  
 Date Form Received by Agency: 2013-11-01 00:00:00.0  
 Handler Name: TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT  
 Handler Address: 1300 BEAR CREEK ROAD  
 Handler City,State,Zip: OAK RIDGE, TN 37402-2801  
 EPA ID: TNR000036616  
 Contact Name: JOHN BRELLENTHIN  
 Contact Address: MARKET STREET, BR-4A  
 Contact City,State,Zip: CHATTANOOGA, TN 37402-2801  
 Contact Telephone: 423-751-3693  
 Contact Fax: 423-751-2463  
 Contact Email: JBBRELLENTHIN@TVA.GOV  
 Contact Title: Not reported  
 EPA Region: 04  
 Land Type: Federal  
 Federal Waste Generator Description: Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: TN  
 State District: 103  
 Mailing Address: MARKET STREET  
 Mailing City,State,Zip: CHATTANOOGA, TN 37402-2801  
 Owner Name: TENNESSEE VALLEY AUTHORITY  
 Owner Type: Federal  
 Operator Name: TVA, CLINCH RIVER SMALL MODULAR REACTOR  
 Operator Type: Federal  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT (Continued)**

**1016452382**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2013-11-04 09:31:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT (Continued)**

**1016452382**

Waste Description: IGNITABLE WASTE  
Waste Code: D002  
Waste Description: CORROSIVE WASTE  
Waste Code: D018  
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: TENNESSEE VALLEY AUTHORITY  
Legal Status: Federal  
Date Became Current: 1933-05-31 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1101 MARKET STREET  
Owner/Operator City,State,Zip: CHATTANOOGA, TN 37402-2801  
Owner/Operator Telephone: 423-751-0011  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
  
Owner/Operator Indicator: Operator  
Owner/Operator Name: TVA, CLINCH RIVER SMALL MODULAR REACTOR  
Legal Status: Federal  
Date Became Current: 2013-08-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: 1300 BEAR CREEK ROAD  
Owner/Operator City,State,Zip: OAK RIDGE, TN 37830  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2013-11-01 00:00:00.0  
Handler Name: TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: TN  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 221113  
NAICS Description: NUCLEAR ELECTRIC POWER GENERATION

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT (Continued)**

**1016452382**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

**Evaluation Action Summary:**

Evaluation Date:	2015-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TN503
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

**FINDS:**

Registry ID: 110056335425

Click Here:

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT (Continued)**

**1016452382**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid:	1016452382
Registry ID:	110056335425
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110056335425">http://echo.epa.gov/detailed-facility-report?fid=110056335425</a>
Name:	TVA, CLINCH RIVER SMALL MODULAR REACTOR PROJECT
Address:	1300 BEAR CREEK ROAD
City,State,Zip:	OAK RIDGE, TN 37402

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAK RIDGE	S123407645	EAST TENNESSEE TECHNOLOGY PARK	2010 HIGHWAY 58	37830	TN LUST

## EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
** - Indicates location may or may not be in requested radius. Site has not been assigned a latitude/longitude coordinate. Further review recommended.								
37748	1022877947		H & B STRIP		**		TN	
37748	1009662603	110027669878	SCANDLYN OIL CO INC		**	HARRIMAN	TN	FINDS
37748	1009654026	110027610066	SWANS SUNBEAM WAREHOUSE		**	HARRIMAN	TN	FINDS
37748	1022878328		NO 1 SURFACE		**		TN	
37748	1009667719	110027713044	YESTERDAY S SERVICE STATION		**	HARRIMAN	TN	FINDS
37748	1009736502	110027739295	OLIVER SPRINGS ELEMENTARY		**	HARRIMAN	TN	FINDS
37748	1009769585	110027729402	COX SERVICE STATION		**	HARRIMAN	TN	FINDS
37748	1022878626		HI-TENN INC #2 STRIP		**		TN	
37748	1009701240	110027688928	HARRIMAN WELDING SUPPLY		**	HARRIMAN	TN	FINDS
37748	1009666275	110027656944	LEE S FOOD MART #5		**	HARRIMAN	TN	FINDS
37748	1009769109	110027746232	SCOT MARKET # 39		**	HARRIMAN	TN	FINDS
37748	1009657271	110027656711	EAST TENNESSEE FORD TRUCKS		**	HARRIMAN	TN	FINDS
37748	1009675579	110027739302	FORMERLY,JACK MARKET AND TANNING		**	HARRIMAN	TN	FINDS
37748	1022878339		NO 3 MINE		**		TN	
37748	1009662365	110027712394	ALBERT P AHLER		**	HARRIMAN	TN	FINDS
37748	1009658111	110027658988	MAC MATERIALS INC		**	HARRIMAN	TN	FINDS
37748	1009659680	110027622598	DELK S FOOLETTE #57		**	HARRIMAN	TN	FINDS
37748	1009656244	110027622106	UNKNOWN		**	HARRIMAN	TN	FINDS
37748	1025531989		SWAN POND QUARRY		**		TN	
37748	1022879009		NO 1 STRIP		**		TN	
37748	1022879367		WHETSTONE QUARRY		**		TN	
37748	1009657840	110027696571	HIGHWAY 27 CITGO #45		**	HARRIMAN	TN	FINDS
37748	1009665426	110027697044	ROCKY TOP MARKET #13		**	HARRIMAN	TN	FINDS
37748	1022878627		NO 1 MINE		**		TN	
37748	1009662568	110027660323	GOLSTON S GULF S/S		**	HARRIMAN	TN	FINDS
37748	1022878130		NO 2 STRIP		**		TN	
37748	1025681380		SWAN POND QUARRY		**		TN	
37748	1009663289	110027619977	WILSON TRUCKING		**	HARRIMAN	TN	FINDS
37748	1009661055	110027704125	CRACKER BARREL OLD COUNTRY STORI		**	HARRIMAN	TN	FINDS
37748	1009659525	110027645029	JOHNSON BOTTLING CO		**	HARRIMAN	TN	FINDS
37748	1009656946	110027613731	SOUTH HARRIMAN MIDDLE SCHOOL		**	HARRIMAN	TN	FINDS
37748	1009659492	110027643968	HOLIDAY SHORES-WELL		**	HARRIMAN	TN	FINDS
37748	1009701237	110027688857	HARRIMAN UTILITY BOARD		**	HARRIMAN	TN	FINDS
37748	1009658483	110027638206	TENNESSEE DOT GARAGE		**	HARRIMAN	TN	FINDS
37748	1009771216	110027780462	BILL S MARKET AND STATION		**	HARRIMAN	TN	FINDS
37748	1009662179	110027668780	ROCKWOOD PANTRY		**	HARRIMAN	TN	FINDS
37748	1009696858	110027629948	KAYSER-ROTH HOSIERY INC		**	HARRIMAN	TN	FINDS
37748	1009698836	110027668101	TIGER ENTERPRISES INC		**	HARRIMAN	TN	FINDS
37748	1009668141	110027690817	MELHORN GROCERY		**	HARRIMAN	TN	FINDS
37748	1009701228	110027688759	HARRIMAN BATCHPLANT		**	HARRIMAN	TN	FINDS
37748	1022878409		NO 1 SURFACE		**		TN	
37748	1022878348		NO 1 STRIP		**		TN	
37748	1009766793	110027753848	MIDTOWN PAVING CO INC		**	HARRIMAN	TN	FINDS
37748	1009664976	110027707079	MOSSY GROVE BAIT SHOP		**	HARRIMAN	TN	FINDS
37748	1009658109	110027658915	MAC MATERIALS INC		**	HARRIMAN	TN	FINDS
37748	1022879182		POSSOM JAW #1		**		TN	
37748	1022878155		WHIZO AUGER MINE		**		TN	
37748	1009659489	110027643824	DETACHMENT 1 TROOP L,3/278TH ACR		**	HARRIMAN	TN	FINDS
37748	1009773022	110027780836	C AND S SERVICE CENTER		**	HARRIMAN	TN	FINDS
37748	1009666337	110027676307	RHEA BROWDER		**	HARRIMAN	TN	FINDS
37748	1008016410	110070312946	ROANE CENTRAL UTILITY DISTRICT		**	HARRIMAN	TN	FINDS
37748	1022877855		NO 1 STRIP		**		TN	
37748	1009694995	110027728564	INTERNATIONAL METAL CO INC		**	HARRIMAN	TN	FINDS
37748	1009794912	110027786714	CANEY CREEK MARINA		**	HARRIMAN	TN	FINDS
37748	1009692509	110027708791	KMART CORP #9757		**	HARRIMAN	TN	FINDS
37748	1022878762		NO 4 STRIP		**		TN	
37748	1009767038	110027778206	AIKEN S CAB AND WRECKER SERVICE		**	HARRIMAN	TN	FINDS
37748	1009698834	110027668067	TIGER CAFE		**	HARRIMAN	TN	FINDS
37748	1009656734	110027610404	CHRISTMAS LUMBER CO		**	HARRIMAN	TN	FINDS
37748	1009653693	110027609568	FUN FOOD #3 EXXON S/S		**	HARRIMAN	TN	FINDS
37748	1009786246	110027758317	MT PISGAH BAPTIST CHURCH		**	HARRIMAN	TN	FINDS
37748	1009765664	110027757844	MIDTOWN CITGO		**	HARRIMAN	TN	FINDS
37748	1022878143		COALCO STRIP #1		**		TN	
37748	1009696494	110027672301	DON S TIRE SERVICE		**	HARRIMAN	TN	FINDS
37748	1009692167	110027632051	GO MART		**	HARRIMAN	TN	FINDS
37748	1009672876	110027730409	TN VALLEY STEEL CORP (NOTIFIER)		**	HARRIMAN	TN	FINDS
37748	1009659993	110027646661	DUNCAN CONSTRUCTION CO		**	HARRIMAN	TN	FINDS
37748	1009701230	110027688777	HARRIMAN I-40 BP		**	HARRIMAN	TN	FINDS
37748	1009659843	110027674853	CITY OF HARRIMAN		**	HARRIMAN	TN	FINDS



## EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1022878369		WHIZCO NO 4 STRIP		**		TN	
37748	1009660111	110027671053	WENDELL S MARKET AND DELI		**	HARRIMAN	TN	FINDS
37748	1009693496	110027747464	BRANAM S COMPLETE TIRE (CLOSED)		**	HARRIMAN	TN	FINDS
37748	1022878174		LUEKING COAL COMPANY NO 2 STRIP		**		TN	
37748	1022878876		AREA #1		**		TN	
37748	1022878286		A&W AUGER CORP NO 1 SURFACE		**		TN	
37748	1009663341	110027635352	HOLIDAY GULF		**	HARRIMAN	TN	FINDS
37748	1009692169	110027632097	GO MART #2		**	HARRIMAN	TN	FINDS
37748	1025678938		158 SAND PIT		**	HARRIMAN	NC	
37748	1022878838		ELGIN COAL SALES		**		TN	
37748	1009767008	110027778019	A B LONG QUARRIES INC		**	HARRIMAN	TN	FINDS
37748	1009667986	110027666283	RAY S GROCERY		**	HARRIMAN	TN	FINDS
37748	1025588397		HARRIMAN AREA		**	HARRIMAN	TN	
37748	1009696214	110027620171	THE MINUTESTORE		**	HARRIMAN	TN	FINDS
37748	1009659655	110027698908	W H BOLES		**	HARRIMAN	TN	FINDS
37748	1009672306	110027717184	HOUSTON OIL CO INC		**	HARRIMAN	TN	FINDS
37748	1009664979	110027707113	MOSSY GROVE MARKET		**	HARRIMAN	TN	FINDS
37748	1009659564	110027672392	SEXTON BUICK-OLDS-GMC		**	HARRIMAN	TN	FINDS
37748	1009701232	110027688820	HARRIMAN OIL CO INC (BACK LOT)		**	HARRIMAN	TN	FINDS
37748	1009657381	110027680141	HILLTOP EXXON		**	HARRIMAN	TN	FINDS
37748	1009659540	110027645591	GATEWAY EXXON		**	HARRIMAN	TN	FINDS
37748	1009667137	110027708513	HOWARD S 66 SERVICE STA		**	HARRIMAN	TN	FINDS
37748	1009657557	110027659166	CORNER FOOD MARKET		**	HARRIMAN	TN	FINDS
37748	1009665935	110027697197	ROCKY TOP MARKET #17		**	HARRIMAN	TN	FINDS
37748	1009667060	110027699195	OASIS FOOD MART		**	HARRIMAN	TN	FINDS
37748	1009701238	110027688900	HARRIMAN UTILITY BOARD		**	HARRIMAN	TN	FINDS
37748	1025748942		A B LONG QUARRIES		**	HARRIMAN	TN	
37748	1009766402	110027777804	BST HARRIMAN CENTRAL OFFICE		**	HARRIMAN	TN	FINDS
37748	1009772793	110027761651	ROCKY TOP MARKET #4		**	HARRIMAN	TN	FINDS
37748	1009660318	110027650986	JOBO S		**	HARRIMAN	TN	FINDS
37748	1009664320	110027672203	ROANE CO HIGHWAY DEPT		**	HARRIMAN	TN	FINDS
37748	1022290005	110070001343	R & R LUMBER CO., INC.	147 R & R SAWMILL RD.	**	HARRIMAN	TN	FINDS
37748	1024373525	110070276333	R & R LUMBER COMPANY INC	147 R & R SAWMILL ROAD	**	HARRIMAN	TN	FINDS
37748	1020806718		BASLER TEXACO	I-40 & HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021613399		ELLIS TEXACO SERVICE	I-40 & U S HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021006716		ELLIS TEXACO SERVICE	I-40 & U S HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S113874330		TDOT - SR-29 (US-27) NEAR HARRIMAN IN	SR-29 (US-27) NEAR HARRIMAN IN ROANE	**	HARRIMAN	TN	NPDES
37748	1020402540		LEES MIDTOWN MARKET	RR 1 BOX 230	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020575719		LEES MIDTOWN MARKET	RT 1 BOX 230	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1016212569	110006121080	TETER LINE SERVICE	RT 1 BOX 82A	**	HARRIMAN	TN	FINDS
37748	1000917390	TND066709908	TETER LINE SERVICE	RT 1 BOX 82A	**	HARRIMAN	TN	RCRA-NonGen
37748	U003611356	2-730072	ALBERT P AHLER	RT. 1 BOX 452	**	HARRIMAN	TN	HIST UST
37748	U004165842		ALBERT P AHLER	RT. 1 BOX 452	**	HARRIMAN	TN	UST
37748	1022964748	110069999218	ROLLING FRITO-LAY SALES, LP - HARRIM	RT. 1, OLD HWY 70	**	HARRIMAN	TN	FINDS
37748	1016241296	110007847768	HARRIMAN PAPERBOARD CORP	1995-1995	**	HARRIMAN	TN	FINDS
37748	1000914972	TND003381837	HARRIMAN PAPERBOARD CORP	1995-1995	**	HARRIMAN	TN	RCRA-NonGen
37748	1026260585	110049608607	HOLIDAY SHORES WATER SYSTEM-1 WE	ROUTE 2 BOX 281	**	HARRIMAN	TN	FINDS
37748	U004165824		DUNCAN CONSTRUCTION CO	RT. 2 BOX 149	**	HARRIMAN	TN	UST
37748	U003611340	2-730035	DUNCAN CONSTRUCTION CO	RT. 2 BOX 149	**	HARRIMAN	TN	HIST UST
37748	U004165880		SOUTH HARRIMAN MIDDLE SCHOOL	HIGHWAY 27	**	HARRIMAN	TN	UST
37748	S127015509		SEXTON'S USED CARS/JERRY BURGESS	HIGHWAY 27	**	HARRIMAN	TN	LUST
37748	1004598505	TND987790706	SOUTHERN ALLOYS & METALS CORP	HIGHWAY 27	**	HARRIMAN	TN	PADS
37748	U003611388	2-730149	SOUTH HARRIMAN MIDDLE SCHOOL	HIGHWAY 27	**	HARRIMAN	TN	HIST UST
37748	U002018333	2-730063	HOLIDAY GULF	HIGHWAY 27 AT I-40	**	HARRIMAN	TN	HIST UST
37748	U004184302		HOLIDAY GULF	HIGHWAY 27 AT I-40	**	HARRIMAN	TN	UST
37748	U003611352	2-730065	INTERNATIONAL METAL CO INC	HIGHWAY 27 SOUTH	**	HARRIMAN	TN	HIST UST
37748	U004165838		INTERNATIONAL METAL CO INC	HIGHWAY 27 SOUTH	**	HARRIMAN	TN	UST
37748	1020259642		ROCKY TOP MARKET INC	HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021210006		ELLIOTT DON E	HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021998281		BARRS PURE OIL	HWY 27 & 61	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S117040213		TENN DOT	HWY 27 & 61	**	HARRIMAN	TN	LUST
37748	1021725268		BARRS SHELL SERVICE	HWY 27 & 71	**	HARRIMAN	TN	EDR Historical Auto Stations

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	S118144417		HARRIMAN TDOT FACILITY	HWY 27 & HWY 61	**	HARRIMAN	TN	LUST TRUST
37748	1020800485		HOLIDAY INN GULF	HWY 27 AT I-40	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1022123069		HOLIDAY INN GULF	HWY 27 AT I-40	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021071017		CRACKER BARREL OLD CNTRY STR*	HWY 27 AT INTERSTATE 40	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U003611402	2-730186	TN VALLEY STEEL	HWY 27 AT PATTON LANE	**	HARRIMAN	TN	HIST UST, LUST TRUST
37748	1021548308		GREEN CHARLIE E	HWY 27 TOWARD ROCKWOOD	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U002100290	2-730068	JOBO'S	HIGHWAY 27/61	**	HARRIMAN	TN	HIST UST, LUST TRUST
37748	U004184304		JOBO'S	HIGHWAY 27/61	**	HARRIMAN	TN	UST
37748	1020402514		MELHORN WALTER JR	HWY 29	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020222689		MELHORN WALTER JR	HWY 29 A	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021645440		MELHORN WALTER JR	HWY 29-A	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021585872		THOMPSON LESLIE C	HWY 29-A & STATE ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020231813		MELHORN WALTER JR	HWY 29A	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020711413		MELHORN WALTER JR	HWY 29A	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S121924237		MOSSY GROVE FOOD MART & DELI	RT 3 BOX 432	**	HARRIMAN	TN	LUST
37748	U002100252	2-650046	MOSSY GROVE BAIT SHOP	RT. 3 BOX 433 HIGHWAY 27	**	HARRIMAN	TN	HIST UST
37748	U004184295		MOSSY GROVE BAIT SHOP	RT. 3 BOX 433 HIGHWAY 27	**	HARRIMAN	TN	LUST, UST
37748	1020006312		HONEYCUTT CLEANERS	RT 5	**	HARRIMAN	TN	EDR Historical Cleaners
37748	1021439789		HARRIMAN AMOCO	RR 6 BOX 554	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U003611349	2-730061	HILLTOP EXXON	RT. 6 BOX 555 SOUTH ROANE ST.	**	HARRIMAN	TN	HIST UST
37748	U004165837		HILLTOP EXXON	RT. 6 BOX 555 SOUTH ROANE ST.	**	HARRIMAN	TN	UST
37748	1021944199		ELLIOTT DON E	HWY 61	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020006311		HONEYCUTT CLEANERS	HWY 61	**	HARRIMAN	TN	EDR Historical Cleaners
37748	1020345038		JOBOS	RR 7	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1016212600	110006121464	JOHNSON HEALTH CARE CENTER, INC.	RT 7 BOX 290	**	HARRIMAN	TN	FINDS
37748	1000918319	TND079026217	JOHNSON HEALTH CARE CENTER, INC.	RT 7 BOX 290	**	HARRIMAN	TN	RCRA-NonGen
37748	S107460659	2730066	CORNER FOOD MARKET	RT 7 BOX 649	**	HARRIMAN	TN	LUST
37748	1016256636	110008119197	MALMAQUIST LOWELL P	HIGHWAY 70	**	HARRIMAN	TN	FINDS
37748	1022249787		CONSUMERS GASOLINE STATIONS	HIGHWAY 70	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1000918562	TND084059658	MALMAQUIST LOWELL P	HIGHWAY 70	**	HARRIMAN	TN	RCRA-NonGen
37748	S104780714	2730169	MINUTE STORE	HIGHWAY 70	**	HARRIMAN	TN	LUST TRUST
37748	1016240992	110007843370	DOGGER CANOE COMPANY INC	HIGHWAY 70 AND RODDY RD MIDTOW	**	HARRIMAN	TN	FINDS
37748	1001030814	TN0000932533	DOGGER CANOE COMPANY INC	HIGHWAY 70 AND RODDY RD MIDTOW	**	HARRIMAN	TN	RCRA-NonGen
37748	U003611399	2-730167	C AND S SERVICE CENTER	HIGHWAY 70 AND SWNPOND ROAD	**	HARRIMAN	TN	HIST UST
37748	U004165894		C AND S SERVICE CENTER	HIGHWAY 70 AND SWNPOND ROAD	**	HARRIMAN	TN	UST
37748	U003611400	2-730169	THE MINUTESTORE	HIGHWAY 70 RT. 8 BOX 105	**	HARRIMAN	TN	HIST UST
37748	U004165895		THE MINUTESTORE	HIGHWAY 70 RT. 8 BOX 105	**	HARRIMAN	TN	UST
37748	1020459985		MIDTOWN PHILLIPS 66 SV STATION	HWY 70	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1016241848	110007855197	MIDTOWN MACHINE SHOP	HWY 70	**	HARRIMAN	TN	FINDS
37748	1000916204	TND044200582	MIDTOWN MACHINE SHOP	HWY 70	**	HARRIMAN	TN	RCRA-NonGen
37748	1021626215		HILL & HUMPHREY CASH MARKET	HWY 70	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S107460669	2730102	ROANE CO HIGHWAY DEPT	HWY 70 MIDTOWN TN	**	HARRIMAN	TN	LUST
37748	S107460687	2730169	THE MINUTE STORE	HWY 70 RT 8 BOX 105	**	HARRIMAN	TN	LUST
37748	1020858352		LEES MIDTOWN MARKET	HWY 70 W	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S121924248		SCOT MARKET # 39	ROUTE 8 BOX 410A	**	HARRIMAN	TN	LUST
37748	1016212618	110006121954	KINDRICK TRUCKING COMPANY, INC.	RT 8 BOX 342	**	HARRIMAN	TN	FINDS
37748	1022030876		CONSUMERS GASOLINE INC	RT 8 BOX 410A	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U003611330	2-730017	CANEY CREEK MARINA	RT. 8 HIGHWAY 70	**	HARRIMAN	TN	HIST UST
37748	U004165811		CANEY CREEK MARINA	RT. 8 HIGHWAY 70	**	HARRIMAN	TN	UST
37748	S121924249		SCOT MARKET # 39	RT. 8, BOX 410A	**	HARRIMAN	TN	LUST
37748	1022243571		EXPRESS OIL CO INC	<	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021355620		MELHORN WALTER JR	<	**	HARRIMAN	TN	EDR Historical Auto

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1021949469		EXPRESS OIL CO INC	<	**	HARRIMAN	TN	Stations
37748	1021373745		TEAGUE OIL CO	<	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1021949479		I-40 & U S 27 TEXACO SERVICE	<	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1022024923		H & J AUTO	206 AMORY	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S107460652	2730045	R & T MOBIL	3RD AND RACE STS	**	HARRIMAN	TN	LUST
37748	1014837657	110043478037	WARTBURG DISCHARGE HWY RELOCAT	SR-29 AND COAL HILL ROAD	**	WARTBURG	TN	FINDS
37748	1017524404		WARTBURG DISCHARGE HWY RELOCATI	SR-29 AND COAL HILL ROAD	**	WARTBURG	TN	
37748	S111799026		WARTBURG DISCHARGE SR-29/US-27 HIC	APPROX. 5.8 MILES NORTH OF HARRIMA	**	HARRIMAN	TN	NPDES
37748	U004165822		CRACKER BARREL OLD COUNTRY STORI	I-40 AT HIGHWAY 27	**	HARRIMAN	TN	UST
37748	U003611339	2-730030	CRACKER BARREL OLD COUNTRY STORI	I-40 AT HIGHWAY 27	**	HARRIMAN	TN	HIST UST
37748	93198629			BEHIND CALLERS HOUSE	**	HARRIMAN	TN	ERNS
37748	1020596983		RAY'S GROCERY	BLAIR RD	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020403490		RAY'S GROCERY	BLAIR ROAD	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U004165859		RAY'S GROCERY	BLAIR ROAD	**	HARRIMAN	TN	UST
37748	U003611372	2-730099	RAY'S GROCERY	BLAIR ROAD	**	HARRIMAN	TN	HIST UST
37748	S123322483		PROPERTY AT 1812 BLUFF ROAD, HARRII	1812 BLUFF ROAD	**	HARRIMAN	TN	
37748	S111811574		OVERLOOK AT BOWMAN BEND	1220 BOWMAN BEND ROAD	**	HARRIMAN	TN	NPDES
37748	1026390693	110070688395	BOWMAN BEND ROAD	BOWMAN BEND ROAD	**	HARRIMAN	TN	FINDS
37748	1026119388		BOWMAN BEND ROAD	BOWMAN BEND ROAD	**	HARRIMAN	TN	
37748	1020454434		OASIS	BOX 1218 COLLEGE PLAZA	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1026260583	110049608581	HARRIMAN UTILITY BOARD-EMORY RIVEI	P.O. BOX 434	**	HARRIMAN	TN	FINDS
37748	1026260581	110049608545	HARRIMAN UTILITY BOARD-EMORY RIVEI	P.O. BOX 434	**	HARRIMAN	TN	FINDS
37748	1026636717		SEXTON CHEVROLET-CADILLACINC.	P.O. BOX 729	**	HARRIMAN	TN	FRP
37748	1008016285	110050326429	CUMBERLAND UTILITY DISTRICT-LITTLE I	P.O. BOX 950	**	HARRIMAN	TN	FINDS
37748	1026431324	110070772965	CUMBERLAND UTILITY DISTRICT-BRUSH	P.O. BOX 950	**	HARRIMAN	TN	FINDS
37748	S101135079	2-730169	THE MINUTESTORE	PO BOX 105	**	HARRIMAN	TN	HIST_LUST CO
37748	U004165840		JOHNSON BOTTLING CO	PO BOX 207	**	HARRIMAN	TN	UST
37748	U003611353	2-730067	JOHNSON BOTTLING CO	PO BOX 207	**	HARRIMAN	TN	HIST UST
37748	1016242083	110007858176	SILVEY E F INC	PO BOX 25	**	HARRIMAN	TN	FINDS
37748	1000916622	TND053987137	SILVEY E F INC	PO BOX 25	**	HARRIMAN	TN	RCRA-NonGen
37748	1016257350	110008130637	RECORD PRINTING CO*	PO BOX 261	**	HARRIMAN	TN	FINDS
37748	1000919201	TND990654667	RECORD PRINTING CO*	PO BOX 261	**	HARRIMAN	TN	RCRA-NonGen
37748	S107460661	2730084	MT PISGAH BAPTIST CHURCH	PO BOX 341 HARRIMAN HWY	**	HARRIMAN	TN	LUST
37748	1000918365	TND079039335	ROANE DENTAL LABORATORY	PO BOX 358	**	HARRIMAN	TN	RCRA-NonGen
37748	1016242869	110007867344	ROANE DENTAL LABORATORY	PO BOX 358	**	HARRIMAN	TN	FINDS
37748	1000370954	TND000828384	SHERWIN WILLIAMS CO	PO BOX 378	**	HARRIMAN	TN	RCRA-NonGen
37748	1016241175	110007846055	SHERWIN WILLIAMS CO	PO BOX 378	**	HARRIMAN	TN	FINDS
37748	1016241282	110007847599	YANKIE LUMBER CO	PO BOX 392	**	HARRIMAN	TN	FINDS
37748	1000914924	TND003378957	YANKIE LUMBER CO	PO BOX 392	**	HARRIMAN	TN	RCRA-NonGen
37748	1000917885	TND074895871	SMITHS MACHINE SHOP INC	PO BOX 40 (MIDTOWN STN)	**	HARRIMAN	TN	RCRA-NonGen
37748	1016242671	110007865097	SMITHS MACHINE SHOP INC	PO BOX 40 (MIDTOWN STN)	**	HARRIMAN	TN	FINDS
37748	1016257458	110008131752	HARRIMAN COAL TERMINAL	PO BOX 681	**	HARRIMAN	TN	FINDS
37748	1000919429	TND990657926	HARRIMAN COAL TERMINAL	PO BOX 681	**	HARRIMAN	TN	RCRA-NonGen
37748	U002100264	2-730008	BILL'S MARKET AND STATION	RT.6 BOX 149	**	HARRIMAN	TN	HIST UST
37748	U004184297		BILL'S MARKET AND STATION	RT.6 BOX 149	**	HARRIMAN	TN	UST
37748	S111812140		BOWERS ELEMENTARY	120 BREAZEALE STREET	**	HARRIMAN	TN	NPDES
37748	1005642457	110070626463	HARRIMAN STP	BULLARD FORD ROAD	**	HARRIMAN	TN	ICIS, FINDS
37748	S107859599		HARRIMAN STP	BULLARD-FORD ROAD	**	HARRIMAN	TN	NPDES
37748	1024387545	110070293118	HARRIMAN UTILITY BOARD - WASTE WAT	BULLORD FORD ROAD	**	HARRIMAN	TN	FINDS
37748	U003611381	2-730127	SWANS SUNBEAM WAREHOUSE	BYRD ST.	**	HARRIMAN	TN	HIST UST
37748	U004165872		SWANS SUNBEAM WAREHOUSE	BYRD ST.	**	HARRIMAN	TN	UST
37748	1016278685	110009312500	MIDTOWN DRUMS SITE	CANEY CREEK ROAD	**	MIDTOWN	TN	FINDS
37748	1001491722	TNSFN0406955	MIDTOWN DRUMS SITE	CANEY CREEK ROAD	**	MIDTOWN	TN	CERCLIS
37748	1017826243		ADAMS AN OLDCASTLE CO - ROCKWOOD	600 CARDIFF VALLEY RD	**	HARRIMAN	TN	
37748	1017791488	110015782526	ADAMS AN OLDCASTLE CO - ROCKWOOD	600 CARDIFF VALLEY RD	**	HARRIMAN	TN	FINDS
37748	1020910171		EMORY GAP EXXON	CARDIFF HWY AT I-40	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1001475600	TNSFN0406910	KIRKLAND PROPERTY MERCURY SPILL	204 CARLOCK AVENUE	**	HARRIMAN	TN	CERCLIS-NFRAP
37748	S116561936			620 CARLOCK AVE 7	**	HARRIMAN	TN	CDL
37748	S116233648			319 CARTER AVENUE	**	HARRIMAN	TN	
37748	U004165870		BST HARRIMAN CENTRAL OFFICE	501 CARTER ST.	**	HARRIMAN	TN	UST
37748	1004781936	110004981093	SOUTH CENTRAL BELL HIMNTNMA	501 CARTER STREET	**	HARRIMAN	TN	RCRA-NonGen, FINDS
37748	S114565428		SOUTHERN SALVAGE & SCRAP METALS,	903 W CARTER AVE.	**	HARRIMAN	TN	

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1016242848	110007867086	SOUTHERN SALVAGE SCRP METLS CO	903 W CARTER ST		HARRIMAN	TN	FINDS
37748	1000335269	110004956049	TIGER OIL CO.	929 CARTER 929 CARTER 57		HARRIMAN	TN	RCRA-NonGen, FINDS
37748	U004165874		TIGER ENTERPRISES INC	929 CARTER ST.		HARRIMAN	TN	UST
37748	U003611384	2-730136	TIGER ENTERPRISES INC	929 CARTER ST.		HARRIMAN	TN	HIST UST
37748	1021819815		TIGER ENTERPRISES INC	929 CARTER STREET		HARRIMAN	TN	EDR Historical Auto Stations
37748	1026099180	110070668846	GOLDSTON WASTE AREA	CHAPEL ROAD	**	HARRIMAN	TN	FINDS
37748	1026027586		GOLDSTON WASTE AREA	CHAPEL ROAD	**	HARRIMAN	TN	
37748	S116234451			706 CHILHOWEE STREET		HARRIMAN	TN	
37748	S111824250		TDOT/CLAX GAP ROAD: PROJECT NO BR:	CLAX GAP ROAD OVER LITTLE EMORY RI	**	HARRIMAN	TN	NPDES
37748	S109376217			352 CLEAR SPRINGS RD		HARRIMAN	TN	CDL
37748	1026208592		HARRIMAN HOUSING AUTHORITY BUILDII	728 CLINCH STREET		HARRIMAN	TN	
37748	1026435965	110070791525	HARRIMAN HOUSING AUTHORITY BUILDII	728 CLINCH STREET		HARRIMAN	TN	FINDS
37748	U004165846		MAC MATERIALS INC	CLYMERSVILLE ST.	**	HARRIMAN	TN	UST
37748	U003611360	2-730078	MAC MATERIALS INC	CLYMERSVILLE ST.	**	HARRIMAN	TN	HIST UST
37748	S111802217		COAL HILL ROAD OVER MACHINE BRANC	COAL HILL ROAD OVER MACHINE BRANC	**	HARRIMAN	TN	NPDES
37748	S111802216		COAL HILL ROAD OVER MACHINE BRANC	COAL HILL ROAD OVER MACHINE BRANC	**	HARRIMAN	TN	NPDES
37748	1000918732	TND990647356	ALLEN METAL RECOVERY COMPANY*	COALFIELD RD	**	HARRIMAN	TN	RCRA-NonGen
37748	1016257134	110008128365	ALLEN METAL RECOVERY COMPANY	COALFIELD RD	**	HARRIMAN	TN	FINDS
37748	1018325667	110027713614	COALFIELD SCHOOL	1720 COALHILL RD.		HARRIMAN	TN	FINDS
37748	S115811591			934.5 CUMBERLAND ST	**	HARRIMAN	TN	CDL
37748	1000918314	TND079025367	SOUTHERN SALVAGE SCRP METLS CO	698.5 N D81 Y Y		HARRIMAN	TN	RCRA-NonGen
37748	S123321079		DAVID PHILLIPS	189 DAVID PHILLIPS ROAD		HARRIMAN	TN	
37748	1000918405	110007867521	HARRIMAN CITY HOSPITAL	412 DEVONIA ST P O BOX 489		HARRIMAN	TN	FINDS
37748	1012120762	110039013723	ROANE MEDICAL CENTER MYSTERY SPIL	412 DEVONIA STREET		HARRIMAN	TN	FINDS
37748	1015731953	TND080976855	ROANE MEDICAL CENTER MYSTERY SPIL	412 DEVONIA STREET		HARRIMAN	TN	CERCLIS, RCRA-NonGen
37748	U004309775		OLIVER SPRINGS ELEMENTARY	DRAWER A	**	HARRIMAN	TN	UST
37748	U004184308		OLIVER SPRINGS ELEMENTARY	DRAWER A	**	HARRIMAN	TN	HIST UST
37748	1000919174	TND990654311	TECHNICAL MATERIALS INC	PO DRAWER 435	**	HARRIMAN	TN	RCRA-NonGen
37748	1016257338	110008130511	TECHNICAL MATERIALS INC	PO DRAWER 435	**	HARRIMAN	TN	FINDS
37748	S111795621		EMORY POINT SUBDIVISION LOT 19	112 EMORY POINT LANE		HARRIMAN	TN	NPDES
37748	1021079766		H&J AUTO SERVICE	206 EMORY DR		HARRIMAN	TN	EDR Historical Auto Stations
37748	1003017645	TND987768587	CLINCH RIVER CORPORATION	728 EMORY DRIVE		HARRIMAN	TN	CERCLIS, ICIS, NPL, PRP
37748	S111804519		RAILCAR SERVICES GROUP	728 EMORY DRIVE		HARRIMAN	TN	NPDES
37748	1009310177		CLINCH RIVER CORPORATION	728 EMORY STREET		HARRIMAN	TN	US BROWNFIELDS
37748	U004165867		SCANDLYN OIL CO INC	EAST EMORY ST.	**	HARRIMAN	TN	UST
37748	U003611377	2-730117	SCANDLYN OIL CO INC	EAST EMORY ST.	**	HARRIMAN	TN	HIST UST
37748	1000917406	TND066713595	MASTER WOOD PRODUCTS INC	EMORY STREET	**	HARRIMAN	TN	RCRA-NonGen
37748	1016242475	110007862839	MASTER WOOD PRODUCTS INC	EMORY STREET		HARRIMAN	TN	FINDS
37748	S111799044		FAIRVIEW ROAD GAS MAIN EXTENSION	FAIRVIEW ROAD	**	HARRIMAN	TN	NPDES
37748	S118091939			189 FORREST HILLS DR		HARRIMAN	TN	CDL
37748	S112153713			144 E FOSTER AVE		HARRIMAN	TN	CDL
37748	S113874324		TDOT - SR-29 FROM NORTH OF SR-328 TO	SR-29 FROM NORTH OF SR-328 TO NORT	**	HARRIMAN	TN	NPDES
37748	U002018328	2-730037	GATEWAY EXXON	100 NORTH GATEWAY BLVD.	**	HARRIMAN	TN	HIST UST
37748	U004165826		GATEWAY EXXON	100 NORTH GATEWAY BLVD.	**	HARRIMAN	TN	LUST, UST
37748	U003611375	2-730111	ROCKWOOD PANTRY	213 NORTH GATEWAY BLVD.	**	HARRIMAN	TN	HIST UST
37748	U004165864		ROCKWOOD PANTRY	213 NORTH GATEWAY BLVD.	**	HARRIMAN	TN	UST
37748	S110729424			404 1/2 GEORGIA ST		HARRIMAN	TN	CDL
37748	U003611379	2-730123	BST HARRIMAN CENTRAL OFFICE	GLC 81675 501 CARTER ST.	**	HARRIMAN	TN	HIST UST
37748	S107460676	2730123	BST HARRIMAN CENTRAL OFFICE	GLC 81675 501 CARTER STREET	**	HARRIMAN	TN	LUST
37748	1014836803	110043577661	ELLIOT PET SERVICES	277 GROUSE RIDGE ROAD		HARRIMAN	TN	ICIS, FINDS
37748	S123322525		PROPERTY OF JOHN BELL	GROUSE RIDGE ROAD	**	MOSSY GROVE	TN	
37748	1000915892	110007852742	UNITED AUTO SUPPLY CO., INC	13 N H04		HARRIMAN	TN	RCRA-NonGen, FINDS
37748	1025902786		CUMBERLAND UTILITY DISTRICT WATER	HALLS DRIVE	**	PETROS	TN	
37748	1025823781	110070568888	CUMBERLAND UTILITY DISTRICT WATER	HALLS DRIVE	**	PETROS	TN	FINDS
37748	1024932004		HAPPY HOLLOW ROAD BORROW SITE	143 HAPPY HOLLOW ROAD		HARRIMAN	TN	
37748	1025455531	110070528484	HAPPY HOLLOW ROAD BORROW SITE	143 HAPPY HOLLOW ROAD		HARRIMAN	TN	FINDS
37748	U002100272	2-730026	CLAUDE WOODS MARKET	1805 HARRIMAN HIGHWAY		HARRIMAN	TN	HIST UST
37748	U004165819		CLAUDE WOODS MARKET	1805 HARRIMAN HIGHWAY		HARRIMAN	TN	LUST, UST
37748	U002100341	2-730187	LEE'S FOOD MART NO. 5	1901 HARRIMAN HIGHWAY		HARRIMAN	TN	HIST UST, AIRS, LUST, UST
37748	1024386843	110070292199	CUMBERLAND UTILITY DISTRICT-ADMINI	3201 HARRIMAN HIGHWAY		HARRIMAN	TN	FINDS
37748	1024386845	110070292201	CUMBERLAND UTILITY DISTRICT-MAINTN	3201 HARRIMAN HIGHWAY		HARRIMAN	TN	FINDS
37748	1024374884	110070277912	CUMBERLAND UTILITY-WATER	3201 HARRIMAN HIGHWAY		HARRIMAN	TN	FINDS
37748	1024372981	110070275698	CUMBERLAND UTILITY-ADMINISTRATION	3201 HARRIMAN HIGHWAY		HARRIMAN	TN	FINDS
37748	1005498673	110006663645	CUMBERLAND UD OF ROANE AND MORG	3201 HARRIMAN HWY		HARRIMAN	TN	FINDS
37748	S111804081		CUMBERLAND UD OF ROANE AND MORG	3201 HARRIMAN HWY		HARRIMAN	TN	NPDES
37748	S117552980		WILSON'S GROCERY	3975 HARRIMAN HIGHWAY (HWY 61)		HARRIMAN	TN	LUST
37748	1007994657	110020795013	HARRIMAN HIGH SCHOOL	HARRIMAN HIGH 1002 N. ROAN ST MOVE		HARRIMAN	TN	FINDS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1012219023	110040511149	INLAND PORTS INC	HARRIMAN IND PARK	**	HARRIMAN	TN	FINDS
37748	U004165851		MT PISGAH BAPTIST CHURCH	115 HEN VALLEY ROAD	**	HARRIMAN	TN	UST
37748	U003611365	2-730084	MT PISGAH BAPTIST CHURCH	115 HEN VALLEY ROAD	**	HARRIMAN	TN	HIST UST
37748	1022127298		OASIS FOOD MARTS	HICKORY & ROANE		HARRIMAN	TN	EDR Historical Auto Stations
37748	1020223037		OASIS FOOD MARTS	HICKORY ROANE	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S121924245		OASIS FOOD MART	HICKORY ST	**	HARRIMAN	TN	LUST
37748	U004165855		OASIS FOOD MART	HICKORY ST	**	HARRIMAN	TN	LUST, UST
37748	1018931375		HONEYCUTT CLEANERS	HICKORY ST	**	HARRIMAN	TN	EDR Historical Cleaners
37748	1020281654		OASIS	HICKORY ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U003611368	2-730090	OASIS FOOD MART	HICKORY ST.	**	HARRIMAN	TN	HIST UST
37748	U004165845		KMART CORP #9757	U.S. HIGHWAY 27 SOUTH	**	HARRIMAN	TN	UST
37748	U003611359	2-730076	KMART CORP #9757	U.S. HIGHWAY 27 SOUTH	**	HARRIMAN	TN	HIST UST
37748	1005515199	110010369332	HARRISON CONSTRUCTION CO.,APAC TE	U.S. HIGHWAY 70	**	HARRIMAN	TN	FINDS
37748	1022068306		OASIS FOOD MARTS	417 HILLSIDE DR		HARRIMAN	TN	EDR Historical Auto Stations
37748	S110729286			111 HUGHES HALE LN		HARRIMAN	TN	CDL
37748	1000919614	TN0000327353	PENSKE AUTO CENTER	US HWY 27 S	**	HARRIMAN	TN	RCRA-NonGen
37748	1016240973	110007843049	PENSKE AUTO CENTER	US HWY 27 S	**	HARRIMAN	TN	FINDS
37748	1001203644	TNR000004200	NORFOLK SOUTHERN RAILWAY COMPAN	US HWY 27 SOUTH & OLD VALLEY R	**	HARRIMAN	TN	RCRA-NonGen
37748	1016257575	110008133359	NORFOLK SOUTHERN RAILWAY COMPAN	US HWY 27 SOUTH & OLD VALLEY R	**	HARRIMAN	TN	FINDS
37748	S111812279		MIDTOWN SEWER EXTENSION	US HWY 70, KEYLONG DRIVE, SWAN PON	**	HARRIMAN	TN	NPDES
37748	1010427210	110031291983	THE AHLER-STEWARD PROPERTY	INTERSECTION OF HIGHWAY 70 &	**	HARRIMAN	TN	FINDS
37748	1003868829	TND981473895	THE AHLER-STEWARD PROPERTY	INTERSECTION OF HIGHWAY 70 &	**	HARRIMAN	TN	CERCLIS-NFRAP, RCRA-NonGen
37748	1015736495	TND003391455	TENNESSEE FORGING STEEL CORP	JCT I-40 & HWY 27		HARRIMAN	TN	CERCLIS-NFRAP, RCRA-NonGen
37748	2001565806			KINGSTON FOSSIL PLANT		HARRIMAN	TN	ERNS
37748	1020009909		IRENES CLEANERS INC	223 LAKECREST DR		HARRIMAN	TN	EDR Historical Cleaners
37748	S111801383		CARL HANOVER PROPERTY	119 LAKESHORE DRIVE		HARRIMAN	TN	NPDES
37748	S111791357		GAS PIPELINE BORE UNDER LITTLE EMO	LITTLE EMORY ABOVE BITTER CREEK ON	**	HARRIMAN	TN	NPDES
37748	1024399140	110070313089	HARRIMAN UTILITY BOARD-WAREHOUSE	101 LOWER MARGRAVE STREET	**	HARRIMAN	TN	FINDS
37748	U004165848		MAC MATERIALS INC	LOWER MARGRAVE ST	**	HARRIMAN	TN	LUST, UST
37748	U003611362	2-730080	MAC MATERIALS INC	LOWER MARGRAVE ST.	**	HARRIMAN	TN	HIST UST
37748	1024384044	110070288732	HARRIMAN UTILITY BOARD-WAREHOUSE	LOWER MARGRAVE STREET	**	HARRIMAN	TN	FINDS
37748	1024405946	110070321354	HARRIMAN UTILITY-WAREHOUSE	LOWER MARGRAVE STREET	**	HARRIMAN	TN	FINDS
37748	U004165816		CITY OF HARRIMAN	LOWER MARQRARE ST.	**	HARRIMAN	TN	UST
37748	U003611335	2-730023	CITY OF HARRIMAN	LOWER MARQRARE ST.	**	HARRIMAN	TN	HIST UST
37748	1020859169		HILLTOP ESSO	MAIN ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U002018331	2-730056	HARRIMAN UTILITY BOARD	101 MARGRAVE ST.		HARRIMAN	TN	HIST UST, LUST, UST
37748	1012139178	110039158728	HARRIMAN UTILITY BOARD	101 MARGRAVE STREET		HARRIMAN	TN	FINDS
37748	U004165833		HARRIMAN WELDING SUPPLY	107-111 MARGRAVE		HARRIMAN	TN	UST
37748	U003611346	2-730055	HARRIMAN WELDING SUPPLY	107-111 MARGRAVE		HARRIMAN	TN	HIST UST
37748	1024387544	110070293117	HARRIMAN UTILITY BOARD - WATER TRE	329 MARGRAVE DRIVE		HARRIMAN	TN	FINDS
37748	S111824737		TDOT - MARGRAVE DRIVE, LOCAL ROUTE	MARGRAVE DRIVE, LOCAL ROUTE 3689, E	**	HARRIMAN	TN	NPDES
37748	1024406177	110070321622	HARRIMAN UTILITY-WATER	327 MARGROVE STREET		HARRIMAN	TN	FINDS
37748	1020032592		MAGIC CLEANERS	150 MARTIN CIR		HARRIMAN	TN	EDR Historical Cleaners
37748	S107861018		SEQUATCHIE CONCRETE SERVICES, INC	130 MAYBERRY ST		HARRIMAN	TN	NPDES
37748	1005515196	110001865447	SEQUATCHIE CONCRETE SERVICES, INC	130 MAYBERRY STREET		HARRIMAN	TN	ICIS, FINDS
37748	S107860133		LANE'S GARAGE	153 MAYTON LANE		HARRIMAN	TN	NPDES
37748	1016257482	110008131994	KINDRICK TRUCKING&COAL CO	MIDTOWN		HARRIMAN	TN	FINDS
37748	1000919474	TND990705337	KINDRICK TRUCKING&COAL CO	MIDTOWN	**	HARRIMAN	TN	RCRA-NonGen
37748	S113873714		THE POTTERS HOUSE CHURCH	MIDTOWN LANE	**	HARRIMAN	TN	NPDES
37748	1020232116		YEARY GROCERY	4 MILES N HARRIMN	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020958425		H& R INVSTMENTS CORP KNOXVILLE	201 MONTGOMERY VIEW DR		HARRIMAN	TN	EDR Historical Auto Stations
37748	U002100258	2-650064	MOSSY GROVE MARKETI	1705 MORGAN COUNTY HIGHWAY		HARRIMAN	TN	HIST UST, UST
37748	S121924236		FAST TRACK MARKET #6	1705 MORGAN COUNTY HIGHWAY		HARRIMAN	TN	LUST
37748	1024133850		BOOTH WASTE AREA	376 MORGAN COUNTY HIGHWAY		HARRIMAN	TN	
37748	1024230887	110070228828	BOOTH WASTE AREA	376 MORGAN COUNTY HIGHWAY		HARRIMAN	TN	FINDS
37748	1020856896		AIKENS EXXON SERVICE STATION	524 MORGAN ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1020222666		AIKENS CAB COMPANY	530 MORGAN AVE		HARRIMAN	TN	EDR Historical Auto Stations
37748	1020432512		AIKENS CAB COMPANY	530 MORGAN ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	U004165813		AIKEN'S CAB AND WRECKER SERVIVE	530 MORGAN ST.		HARRIMAN	TN	LUST, UST
37748	U003611332	2-730020	AIKEN'S CAB AND WRECKER SERVIVE	530 MORGAN ST.		HARRIMAN	TN	HIST UST
37748	1020042635		MODEL DRY CLEANERS & LAUNDRY	601 MORGAN ST		HARRIMAN	TN	EDR Historical Cleaners

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1021450144		EXPRESS OIL CO INC	N/A	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S107460693	2730185	RHEA BROWDER	P O BOX 262	**	HARRIMAN	TN	LUST
37748	S110729284			1106 OAKDALE HWY		HARRIMAN	TN	CDL
37748	S111812404			EAST OF PANSY HILL ROAD BRIDGE	**	HARRIMAN	TN	NPDES
37748	S111798144		EMORY HEIGHTS TANK AND WATER LINE	EAST OF PANSY HILL ROAD BRIDGE	**	HARRIMAN	TN	NPDES
37748	1022990820	110070027193	NICHOLS WASTE AREA	SE OF WOODS CHAPEL ROAD AND HARR	**	HARRIMAN	TN	FINDS
37748	1000918305	TND079020517	INTERNATIONAL MILL SERVICES*	OFF HWY 27	**	HARRIMAN	TN	RCRA-NonGen
37748	1016242843	110007867031	INTERNATIONAL MILL SERVICES*	OFF HWY 27	**	HARRIMAN	TN	FINDS
37748	1020462789		STOP N GO MART	117 OLD MIDTOWN HWY		HARRIMAN	TN	EDR Historical Auto Stations
37748	S111798154		DENNIS FERGUSON PROPERTY	147 OLD HWY 70		HARRIMAN	TN	NPDES
37748	U003916865	2-650072	WENDELL'S MARKET AND DELI	1592 OLD HARRIMAN HIGHWAY		HARRIMAN	TN	HIST UST, UST
37748	S115811546			1637 OLD ROANE ST		HARRIMAN	TN	CDL
37748	1026209638		TVA ANDERSON 500-KV SUBSTATION	207 OLD EDGEMOOR ROAD	**	OAK RIDGE	TN	
37748	1026436915	110070792575	TVAANDERSON 500-KV SUBSTATION	207 OLD EDGEMOOR ROAD	**	OAK RIDGE	TN	FINDS
37748	U002100259	2-650067	MELHORN GROCERY	2760 OLD HARRIMAN HIGHWAY		HARRIMAN	TN	HIST UST
37748	U004276620		MELHORN GROCERY	2760 OLD HARRIMAN HIGHWAY		HARRIMAN	TN	UST
37748	S121483899		MELHORN GROCERY	2760 OLD HARRIMAN HIGHWAY		HARRIMAN	TN	LUST
37748	1020741235		MELHORN WALTER JR	2760 OLD HARRIMAN HWY		HARRIMAN	TN	EDR Historical Auto Stations
37748	1021323595		OASIS FOOD MARTS	635 OLD ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	S121924244		OASIS FOOD MART	635 OLD ROANE ST. HICKORY ST.		HARRIMAN	TN	LUST
37748	U001312410	2-730091	OASIS FOOD MART	635 OLD ROANE ST. HICKORY ST.		HARRIMAN	TN	HIST UST, UST
37748	S121924243		KAY MART #2	635 OLD ROANE STREET		HARRIMAN	TN	LUST
37748	U004165909		R AND R EXCAVATING, HEADQUARTERS	903 OLD ROANE STREET		HARRIMAN	TN	LUST, UST
37748	1007733435	110018903882	R & R EXCAVATING COMPANY, LLC	903 OLD ROANE STREET		HARRIMAN	TN	FINDS
37748	1007571838	TNR000019307	R & R EXCAVATING COMPANY, LLC	903 OLD ROANE STREET		HARRIMAN	TN	RCRA-NonGen
37748	1020929371		SEXTON OIL CO	OLD ROANE AVE	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020317522		ATOMIC OIL CO	OLD ROANE AVE	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	U003608751	0-730134	DETACHMENT 1 TROOP L,3/278TH ACR	OLIVER SPRINGS HIGHWAY	**	HARRIMAN	TN	HIST UST
37748	U004162774		DETACHMENT 1 TROOP L,3/278TH ACR	OLIVER SPRINGS HIGHWAY	**	HARRIMAN	TN	HIST UST, UST
37748	1000914871	TND003375219	ROANE HOSIERY INC	OLIVER SPRINGS HWY	**	HARRIMAN	TN	RCRA-NonGen
37748	S117040214		DETACHMENT 1 TROOP L,3/278TH ACR	OLIVER SPRINGS HWY	**	HARRIMAN	TN	LUST
37748	1016241255	110007847232	ROANE HOSIERY INC	OLIVER SPRINGS HWY	**	HARRIMAN	TN	FINDS
37748	2020274620			OSPREY WAY	**	HARRIMAN	TN	ERNS
37748	U002100304	2-730101	YESTERDAY'S SERVICE STATION	#2 PANSY HILL ROAD		HARRIMAN	TN	HIST UST
37748	S112209215		YESTERDAY'S SERVICE STATION	711 PANSY HILL ROAD		HARRIMAN	TN	LUST
37748	U004184309		YESTERDAY'S SERVICE STATION	712 PANSY HILL ROAD		HARRIMAN	TN	UST
37748	1014473385	TNR000030924	ROANE STATE COMMUNITY COLLEGE	276 PATTON LANE		HARRIMAN	TN	RCRA-CESQG
37748	1014836647	110043556229	ROANE STATE COMMUNITY COLLEGE	276 PATTON LANE		HARRIMAN	TN	FINDS
37748	1024163409	110070263338	K-31 LAYDOWN & FABRICATION FACILITY	600 PERIMETER ROAD	**	HARRIMAN	TN	FINDS
37748	1025477247		PERIMETER RD WATER LINE AND SS FM	PERIMETER ROAD	**	HARRIMAN	TN	
37748	1025814543	110070554745	PERIMETER RD WATER LINE AND SS FM	PERIMETER ROAD	**	HARRIMAN	TN	FINDS
37748	S120975963		WALGREENS STORE #10612 - HARRIMAN	SOUTH PINE RIDGE ROAD @ HIGHWAY 71	**	HARRIMAN	TN	NPDES
37748	U004165850		MIDTOWN PAVING CO INC	350 POLAND HOLLOW ROAD		HARRIMAN	TN	UST
37748	U003611364	2-730083	TWIN K ENTERPRISES, LLC DBA HARRIM/	350 POLAND HOLLOW ROAD		HARRIMAN	TN	HIST UST, AIRS, NPDES
37748	1024011563	110069342278	TWIN K ENTERPRISES, LLC DBA HARRIM/	350 POLAND HOLLOW ROAD		HARRIMAN	TN	FINDS
37748	S123323181		TWIN K ENTERPRISES, LLC DBA HARRIM/	350 POLAND HOLLOW ROAD		HARRIMAN	TN	
37748	2010938601			446 POLAND HOLLOW ROAD		HARRIMAN	TN	ERNS
37748	1004597513	110009705747	MIDTOWN READY MIX CONCRETE	POLANT HOLLOW ROAD		HARRIMAN	TN	FINDS
37748	S123322502		PROPERTY AT THE CORNER OF HUMPHR	PROPERTY AT THE CORNER OF HUMPHR	**	HARRIMAN	TN	
37748	S117552977		KAYMART	206 PURITAN ROAD	**	HARRIMAN	TN	LUST
37748	1004598483	110008127892	ROGERS GROUP INC., ROANE COUNTY A	256 QUARRY ROAD		HARRIMAN	TN	ICIS, RCRA-NonGen, FINDS
37748	1005498663	110009705907	ROANE COUNTY QUARRY, AKA ROGERS	260 QUARRY RD		HARRIMAN	TN	FINDS
37748	1016046576	110054259958	ROGERS GROUP, INC - ROANE CO. ASPH	260 QUARRY RD.		HARRIMAN	TN	FINDS
37748	S111315169		ROGERS GROUP, INC DBA ROANE COUN	260 QUARRY ROAD		HARRIMAN	TN	AIRS, NPDES
37748	S116561917			432 QUEEN AVE B		HARRIMAN	TN	CDL
37748	S111812264		RIDGEWOOD SUBDIVISION	345 RIDGEWOOD DRIVE		HARRIMAN	TN	NPDES
37748	1025823213	110070568319	RIGGS CHAPEL ROAD- SLIDE REMEDATIC	RIGGS CHAPEL ROAD	**	HARRIMAN	TN	FINDS
37748	1025902230		RIGGS CHAPEL ROAD- SLIDE REMEDATIC	RIGGS CHAPEL ROAD	**	HARRIMAN	TN	
37748	1021731541		COXS DX SERVICE STATION	220 ROAN ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020165198		COXS DX SERVICE STATION	220 ROAN ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1024421707	110070340679	ROAN CENTRAL UTILITY-ADMINISTRATIO	2727 ROAN STATE HIGHWAY		HARRIMAN	TN	FINDS
37748	1024421709	110070340681	ROAN CENTRAL UTILITY-MAINTENANCE	2727 ROAN STATE HIGHWAY		HARRIMAN	TN	FINDS
37748	1020859138		HILLTOP ESSO SERVICE	S ROAN	**	HARRIMAN	TN	EDR Historical Auto

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases	
37748	1020395146		HILLTOP ESSO SERVICE	S ROAN	**	HARRIMAN	TN	Stations EDR Historical Auto Stations	
37748	U004165903	2-730189	SEXTON BUICK-OLDS-GMC	SOUTH ROAN ST.	**	HARRIMAN	TN	UST	
37748	U003611404		SEXTON BUICK-OLDS-GMC	SOUTH ROAN ST.	**	HARRIMAN	TN	HIST UST	
37748	1020376473		HOUSTON OIL COMPANY INC	1001 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	U004184303	2-730064	HOUSTON OIL CO INC	1001 ROANE ST.		HARRIMAN	TN	HIST UST	
37748	U004309773		HOUSTON OIL CO INC	1001 ROANE ST.		HARRIMAN	TN	UST	
37748	U003611351		HOUSTON OIL CO INC	1001 ROANE ST.		HARRIMAN	TN	HIST UST	
37748	1005621903		HARRIMAN CITY SCHOOL DISTRICT	1002 ROANE STREET		HARRIMAN	TN	FTTS	
37748	1022244388		ROCKY TOP MARKETS LLC	1008 S ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	U002100306	2-730106	ROCKY TOP MARKET #4	1008 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, AIRS, UST	
37748	U004165815	2-730022	CHRISTMAS LUMBER CO	101 ROANE ST.		HARRIMAN	TN	UST	
37748	U003611334		CHRISTMAS LUMBER CO	101 ROANE ST.		HARRIMAN	TN	HIST UST	
37748	1020401738		ROCKY TOP MARKETS LLC	102 ROANE STATE HWY	**	HARRIMAN	TN	EDR Historical Auto Stations	
37748	U002018344	2-730145	LEHIGH GAS WHOLESALE SERVICES, INC	102 S. ROANE ST.		HARRIMAN	TN	HIST UST, UST	
37748	1020489986		BULL RUN OIL CO INC	102 SO ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	1001483615	110004992973	ROANE COUNTY AUTO PARTS	102 SOUTH ROANE ST		HARRIMAN	TN	RCRA-NonGen, FINDS	
37748	S116735602	110045991593 TNR000032706		1108 S ROANE ST		HARRIMAN	TN	CDL	
37748	1016046996		CVS PHARMACY #3740	1136 SOUTH ROANE STREET		HARRIMAN	TN	FINDS	
37748	1014961404		CVS PHARMACY #3740	1136 SOUTH ROANE STREET		HARRIMAN	TN	RCRA-CESQG	
37748	1020968801		RYDER TRUCKS	114 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	U002100279		2-730042	GO MART	116 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, LUST, UST
37748	1000917669	110004974485	BARKER REMNANT CO	118 S ROANE ST		HARRIMAN	TN	RCRA-NonGen, FINDS	
37748	1000914923	110004957388	PARKER EARL BRUCE	120 S ROANE STREET		HARRIMAN	TN	RCRA-NonGen, FINDS	
37748	U004184316	110058905127	FOOD CITY GAS N GO #634	1200 SOUTH ROANE ST.		HARRIMAN	TN	UST	
37748	1016826327		FOOD CITY GAS N GO #634	1200 SOUTH ROANE STREET		HARRIMAN	TN	ICIS, FINDS	
37748	1018594682		K M A & SONS LLC	1205 S ROANE ST UNIT A		HARRIMAN	TN	EDR Historical Cleaners	
37748	1020065523		POWERS BETTY	1214 S ROANE ST		HARRIMAN	TN	EDR Historical Cleaners	
37748	1019966549		CUMBERLAND LAUNDRY	1237 S ROANE ST		HARRIMAN	TN	EDR Historical Cleaners	
37748	1019966550		CUMBERLAND LAUNDRY	151 S ROANE ST STE 3		HARRIMAN	TN	EDR Historical Auto Stations	
37748	1020431801		GOLDSTONS PHILLIPS 66	1615 S ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	U002158424		2-730195	HARRY'S	1615 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, UST
37748	S112431463		TNR000044503		1705 E ROANE STATE HWY 9		HARRIMAN	TN	CDL
37748	S110729339				1705 ROANE STATE HWY 17		HARRIMAN	TN	CDL
37748	1024894190			LOWE'S OF HARRIMAN #1800	1800 ROANE STATE HIGHWAY		HARRIMAN	TN	RCRAInfo-SQG
37748	1026679202	LOWE'S OF HARRIMAN #1800		1800 ROANE STATE HIGHWAY		HARRIMAN	TN		
37748	1020543576	ROCKY TOP MARKETS LLC		1811 S ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	U001312417	2-730107	LEHIGH GAS WHOLESALE SERVICES, INC	1811 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, AIRS, LUST, UST	
37748	1017373447	110061058625	KROGER #0628-26	1820 ROANE STATE HIGHWAY		HARRIMAN	TN	FINDS	
37748	1016976402	TNR000037846	KROGER #0628-26	1820 ROANE STATE HIGHWAY		HARRIMAN	TN	RCRA-CESQG	
37748	U004252349		KROGER FUEL CENTER NO. U-628	1820 ROANE STATE HIGHWAY		HARRIMAN	TN	UST	
37748	U001312388	2-730039	FUN FOOD #3 EXXON S/S	1833 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, UST	
37748	U002018330	2-730190	HARRIMAN I-40 BP	1859 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, UST	
37748	U003712282	0-730125	TDOT GARAGE	1951 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, VCP, AIRS, UST	
37748	1001120971	110005003325	TN DEPT OF TRANSPORTATION (T.D.O.T)	1951 SOUTH ROANE STREET		HARRIMAN	TN	RCRA-CESQG, FINDS	
37748	U004226228		WEIGEL'S NO.85	2001 ROANE STATE HIGHWAY		HARRIMAN	TN	UST	
37748	1020654183		ROCKY TOP MARKETS LLC	201 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	
37748	1003869826	TN0002045862	CUSTOM METALS SERVICE (MIDTOWN, T	2015 ROANE STATE HIGHWAY, HWY 70		HARRIMAN	TN	CERCLIS-NFRAP	
37748	S115813415		ZAXBY'S	2022 ROANE STATE HIGHWAY		HARRIMAN	TN	NPDES	
37748	1022967524	110070002775	KROGER U-628 FUEL CENTER	2026 ROANE STATE HIGHWAY		HARRIMAN	TN	FINDS	
37748	1010463440		ARCELORMITTAL LAPLACE, LLC	20404 S. ROANE STREET	**	HARRIMAN	TN		
37748	1014836880	110042425444	PROGRESSIVE ENVIRONMENTAL SERVIC	2100 ROANE STATE HWY		HARRIMAN	TN	FINDS	
37748	1014401500	TNR000030353	PROGRESSIVE ENVIRONMENTAL SERVIC	2100 ROANE STATE HWY		HARRIMAN	TN	RCRA-NonGen	
37748	S119193719		DON'S TIRE SERVICE	211 NORTH ROANE ST.		HARRIMAN	TN	LUST	
37748	U003544352	2-730115	HUXSFORD AUTOMOTIVE	211 NORTH ROANE STREET		HARRIMAN	TN	HIST UST, UST	
37748	1020975832		HARRIMAN CAR CARE CENTER	211 ROANE		HARRIMAN	TN	EDR Historical Auto Stations	
37748	S119193902		FASTRAK	211 ROANE STREET		HARRIMAN	TN	LUST TRUST	
37748	1021167169		COXS DX SERVICE STATION	220 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations	

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1026582037		CLARY P. FOOTE	2319 S. ROANE STREET		HARRIMAN	TN	PRP
37748	1009510770		BAYOU STEEL CORP	2401 SOUTH ROANE STREET		HARRIMAN	TN	FTTS
37748	1014628279			2404 S. ROANE STREET		HARRIMAN	TN	PCB TRANSFORMER
37748	1026643276		TENNESSEE VALLEY	2404 S. ROANE STREET		ROCKWOOD	TN	PRP
37748	2004734911			2404 SOUTH ROANE ST.		HARRIMAN	TN	ERNS
37748	S107858681		BD LAPLACE, LLC DBA BD BAYOU STEEL	2404 SOUTH ROANE STREET		HARRIMAN	TN	AIRS, NPDES
37748	1014197894		BAYOU STEEL CORP - TENNESSEE	2404 SOUTH ROANE STREET		HARRIMAN	TN	TSCA
37748	1006671226	110007191118	PSC METALS, LLC	2408 SOUTH ROANE STREET		HARRIMAN	TN	AIRS, NPDES, ICIS, FINDS
37748	S111805578		APAC ATLANTIC, INC. HARRISON DIVISIO	2412 SOUTH ROANE STREET		HARRIMAN	TN	NPDES
37748	1016983637	110009705649	APAC ATLANTIC, INC. HARRISON DIVISIO	2412 SOUTH ROANE STREET		HARRIMAN	TN	FINDS
37748	1026464366		OLD FRENCH'S MARKET	2489 ROANE STATE HIGHWAY		HARRIMAN	TN	US BROWNFIELDS
37748	1000416634	110007852733	DUNCAN FAMILY AUTOMOTIVE GROUP	269 SOUTH ROANE STREET		HARRIMAN	TN	RCRA-CESQG, FINDS
37748	U002100312	2-730119	LEHIGH GAS WHOLESALE SERVICES, INC	2722 ROANE STATE HIGHWAY		HARRIMAN	TN	HIST UST, LUST TRUST, AIRS, UST
37748	S121924247		LEHIGH GAS WHOLESALE SERVICES, INC	2722 ROANE STATE HIGHWAY		HARRIMAN	TN	LUST TRUST, LUST
37748	S121924246		DAILY'S #8039	2722 ROANE STATE HIGHWAY		HARRIMAN	TN	LUST
37748	1021345068		CONSUMERS GASOLINE STATIONS	2722 ROANE STATE HWY		HARRIMAN	TN	EDR Historical Auto Stations
37748	1021325821		DUNKIN AUTOMOTIVE REPAIR	2807 ROANE STATE HWY		HARRIMAN	TN	EDR Historical Auto Stations
37748	S123322098		MIKE' BODY SHOP	2809 ROANE STATE HWY		HARRIMAN	TN	
37748	1015758143	TNR000003111	T.A.G. TRANSPORT, INC.	2818 ROANE STATE HIGHWAY		HARRIMAN	TN	PADS, RCRA-NonGen
37748	S107859564		FORMERLY KENDRICK TRUCKING COMP,	2818 ROANE STATE HIGHWAY		HARRIMAN	TN	NPDES
37748	1010731610	110033717351	KINDRICK TRUCKING	2818 ROANE STATE HIGHWAY		HARRIMAN	TN	FINDS
37748	1000192074	TND987766078	KINDRICK TRUCKING COMPANY, INC	2818 ROANE STATE HWY.		HARRIMAN	TN	PADS, RCRA-NonGen
37748	1012110214	110038912308	HERITAGE-CRYSTAL CLEAN, LLC	2822 ROANE STATE HIGHWAY		HARRIMAN	TN	FINDS
37748	1012188524	TNR000027367	HERITAGE-CRYSTAL CLEAN, LLC	2822 ROANE STATE HIGHWAY		HARRIMAN	TN	RCRA-NonGen
37748	U002100278	2-730040	SHRINI, INC D/B/A MIDTOWN QUICK STOF	2843 ROANE STATE HIGHWAY		HARRIMAN	TN	HIST UST, UST
37748	S111810192		MOTION PLUS SITE	2909 ROANE STATE HIGHWAY		HARRIMAN	TN	NPDES
37748	1022966353	110070310085	HARRIMAN UTILITY BOARD-ADMINISTRAT	300 NORTH ROANE STREET		HARRIMAN	TN	FINDS
37748	1004598194	TND987778271	HARRIMAN UTILITY BOARD	300 ROANE ST		HARRIMAN	TN	PADS
37748	1008016672	110039851336	HARRIMAN WWTP	300 ROANE ST.		HARRIMAN	TN	FINDS
37748	U004165834		HARRIMAN UTILITY BOARD	300 ROANE ST. BOX 434		HARRIMAN	TN	UST
37748	U003611347	2-730057	HARRIMAN UTILITY BOARD	300 ROANE ST. BOX 434		HARRIMAN	TN	HIST UST
37748	U004165861		ROANE CO HIGHWAY DEPT	3070 ROANE STATE HIGHWAY		HARRIMAN	TN	UST
37748	U001312415	2-730102	ROANE COUNTY HWY DEPT	3070 ROANE STATE HWY		HARRIMAN	TN	HIST UST, LUST TRUST
37748	S109093462			3071 ROANE STATE HWY		HARRIMAN	TN	CDL
37748	1009312480	TNR000021949	UNIVERSAL ENVIRONMENTAL SERVICES	3106 ROANE STATE HIGHWAY		HARRIMAN	TN	RCRA-NonGen
37748	1009332933	110024543699	UNIVERSAL ENVIRONMENTAL SERVICES	3106 ROANE STATE HIGHWAY		HARRIMAN	TN	FINDS
37748	1014836781	110042353878	EET CORPORATION	3106 ROANE STATE HIGHWAY		HARRIMAN	TN	FINDS
37748	U003544351	2-730010	FORMERLY JACK MARKET AND TANNING	3307 ROANE STATE HIGHWAY		HARRIMAN	TN	HIST UST
37748	U004165805		JACK'S MARKET	3307 ROANE STATE HIGHWAY		HARRIMAN	TN	LUST, UST
37748	1021559831		GOLDSTON GULF SERVICE STATION	501 S ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	U001312429	2-730165	GOLSTON'S GULF S/S	501 SOUTH ROANE ST.		HARRIMAN	TN	HIST UST, UST
37748	1021643439		HARRIMAN OIL CO INC	511 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	S112205605			512 N ROANE ST		HARRIMAN	TN	CDL
37748	1020049262		NEWCOMB CLEANERS	518 ROANE ST		HARRIMAN	TN	EDR Historical Cleaners
37748	1019966552		CUMBERLAND LAUNDRY	591 ROANE ST		HARRIMAN	TN	EDR Historical Cleaners
37748	1021905093		ROCKY TOP MARKET INC	605 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1020768929		BRANAMS COMPLETE TIRE & SV	610 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1021813466		HARRIMAN OIL COMPANY LLC	611 N ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1020313432		HARRIMAN OIL CO INC	611 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	U004165832		HARRIMAN OIL CO INC (BACK LOT)	611 ROANE ST		HARRIMAN	TN	LUST, UST
37748	U003608105	2-730053	HARRIMAN OIL CO INC (BACK LOT)	611 ROANE ST.		HARRIMAN	TN	HIST UST
37748	U003608104	2-730009	BRANAM'S COMPLETE TIRE (CLOSED)	611 ROANE ST.		HARRIMAN	TN	HIST UST
37748	1022252015		HOWARDS SERVICE STATION	701 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	U004165835		HOWARD'S 66 SERVICE STA	701 ROANE ST		HARRIMAN	TN	LUST, UST
37748	U003611348	2-730058	HOWARD'S 66 SERVICE STA	701 ROANE ST.		HARRIMAN	TN	HIST UST
37748	1020982099		HOWARD SHELL SERVICE	801 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1001121086	110005004137	JERRY DUNCAN FORD LINCOLN MERCUR	801 ROANE STREET		HARRIMAN	TN	RCRA-NonGen, FINDS
37748	1021392602		NORMANS EXXON	802 N ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1016166528	110056294344	ROANE MEDICAL CENTER	8045 ROANE MEDICAL CENTER DRIV		HARRIMAN	TN	ICIS, FINDS



### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	1016452378	TNR000036566	ROANE MEDICAL CENTER	8045 ROANE MEDICAL CENTER DRIVE	**	HARRIMAN	TN	RCRA-CESQG
37748	1020346000		TIRES PLUS	812 ROANE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	U002100319	2-730137	TIGER CAF	812 ROANE ST.		HARRIMAN	TN	HIST UST, UST
37748	U002018319	2-730005	BIG JOHN'S- HARRIMAN # 86	NORTH ROANE ST.		HARRIMAN	TN	HIST UST, UST
37748	U004165821		COX SERVICE STATION	ROANE AND CARTER ST.	**	HARRIMAN	TN	UST
37748	U003611338	2-730029	COX SERVICE STATION	ROANE AND CARTER ST.	**	HARRIMAN	TN	HIST UST
37748	S107460648	2730029	COX SERVICE STATION	ROANE AND CARTER STS	**	HARRIMAN	TN	LUST
37748	1020769460		ATOMIC OIL CO	ROANE AVE	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1019971399		DELUXE CLEANERS	S ROANE ST	**	HARRIMAN	TN	EDR Historical Cleaners
37748	1016256958	110008124458	SEXTON BUICK-OLDS-GMC CO	SOUTH ROANE ST	**	HARRIMAN	TN	FINDS
37748	1021618691		HILLTOP EXXON SERVICE CENTER	SOUTH ROANE ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1019971480		DELUXE ONE HOUR CLEANERS	SOUTH ROANE ST	**	HARRIMAN	TN	EDR Historical Cleaners
37748	1000416642	TND982141822	SEXTON BUICK-OLDS-GMC CO	SOUTH ROANE ST	**	HARRIMAN	TN	RCRA-NonGen
37748	1021676017		GREEN CHARLIE E	ROCKWOOD HWY	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020452870		GREEN CHARLIE E	ROCKWOOD HWY	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020452651		TIGER ENTERPRISES INC	1833 S RONE ST		HARRIMAN	TN	EDR Historical Auto Stations
37748	1019971400		DELUXE CLEANERS	S ROANE ST	**	HARRIMAN	TN	EDR Historical Cleaners
37748	U004165839		CORNER FOOD MARKET	RT.7	**	HARRIMAN	TN	UST
37748	U002100289	2-730066	CORNER FOOD MARKET	RT.7	**	HARRIMAN	TN	HIST UST
37748	1016212560	110006120973	CHARLISES ALUMINUM PRODUCTS	RURAL RT 1 BOX 217-A	**	HARRIMAN	TN	FINDS
37748	1000916623	TND053987285	CHARLISES ALUMINUM PRODUCTS	RURAL RT 1 BOX 217-A	**	HARRIMAN	TN	RCRA-NonGen
37748	1000918426	TND081192775	D & S SERVICE	RURAL RT 1 BOX 547	**	HARRIMAN	TN	RCRA-NonGen
37748	1016212607	110006121543	D & S SERVICE	RURAL RT 1 BOX 547	**	HARRIMAN	TN	FINDS
37748	1016212644	110006122533	WESCO CO	RURAL RT 2 BOX 103	**	HARRIMAN	TN	FINDS
37748	1000919378	TND990657009	WESCO CO	RURAL RT 2 BOX 103	**	HARRIMAN	TN	RCRA-NonGen
37748	1016212579	110006121204	SANDS COMPANY	RURAL RT 8 BOX 363	**	HARRIMAN	TN	FINDS
37748	1000917677	TND071515290	SANDS COMPANY	RURAL RT 8 BOX 363	**	HARRIMAN	TN	RCRA-NonGen
37748	U002291410	2-730007	DELK'S FOOLETTE (#57)	206 RURITAN ROAD		HARRIMAN	TN	HIST UST, UST
37748	S111794268		HARRIMAN CHURCH OF GOD	2220 RURITAN ROAD		HARRIMAN	TN	NPDES
37748	S111798222		HARRIMAN CHURCH OF GOD	2220 RURITAN ROAD		HARRIMAN	TN	NPDES
37748	S111811789		HARRIMAN CHURCH OF GOD	2220 RURITAN ROAD		HARRIMAN	TN	NPDES
37748	1004782566	110004998049	ROANE COUNTY AUTO PARTS	311 RURITAN ROAD		HARRIMAN	TN	RCRA-NonGen, FINDS
37748	1018673960		ROANE DRY CLEANING	402 RURITAN RD		HARRIMAN	TN	EDR Historical Cleaners
37748	S111801373		SOUTH HARRIMAN BAPTIST CHURCH	626 RURITAN ROAD		HARRIMAN	TN	NPDES
37748	S111811839		SOUTH HARRIMAN BAPTIST CHURCH	626 RURITAN ROAD		HARRIMAN	TN	NPDES
37748	1021437443		RARITY BAY BP	145 RUSSELL AVE		HARRIMAN	TN	EDR Historical Auto Stations
37748	S116561935		TN VALLEY STEEL CORP (NOTIFIER)	615 RUSSELL AVE 6		HARRIMAN	TN	CDL
37748	U004184315		GOLDSTON HARLEY	U S HIGHWAY 27 AT PATTON LANE	**	HARRIMAN	TN	UST
37748	1020260017		GOLDSTON HARLEY	U S HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1020856906		GOLDSTON GULF SERVICE STATION	U S HWY 27	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S107460694	2730186	TN VALLEY STEEL CORP (NOTIFIER)	U S HWY 27 @ PATTON LN	**	HARRIMAN	TN	LUST
37748	95310955		DS SERVICES INC	DS SERVICES INC	**	KINGSTON	TN	ERNS
37748	S117407370		STOUT & SON WRECKER SERVICE*	942 SEVIER AVE		HARRIMAN	TN	CDL
37748	1020571562		STOUT & SON WRECKER SERVICE*	101 SEWANEE STREET		HARRIMAN	TN	EDR Historical Auto Stations
37748	U004165902		UNKNOWN	101 SEWANNE ST.		HARRIMAN	TN	UST
37748	U003611403	2-730188	UNKNOWN	101 SEWANNE ST.		HARRIMAN	TN	HIST UST
37748	2011996034		UNKNOWN	925 SEWANNE ST.		HARRIMAN	TN	ERNS
37748	1004597176	110010719874	HEDWIG DIETZ #5 (INJECTION WELL)	SHEPHERD BRANCH OIL FIELD	**	HARRIMAN	TN	ICIS, FINDS
37748	U004184305		KAYSER-ROTH HOSIERY INC	SILURIA ST.	**	HARRIMAN	TN	HIST UST
37748	U004309774		KAYSER-ROTH HOSIERY INC	SILURIA ST.	**	HARRIMAN	TN	UST
37748	S120857836			678 SKYLINE DRIVE		HARRIMAN	TN	CDL
37748	94274641			SOUTHBOUND HWY 27	**	CHATANOOGA	TN	ERNS
37748	S113874312		TVA - HARRIMAN TDOT RELOCATION	687 SR-29	**	HARRISON	TN	NPDES
37748	U004165947		W H BOLES	STAR RT. BOX 1B	**	HARRIMAN	TN	UST
37748	U003611438	2-760064	W H BOLES	STAR RT. BOX 1B	**	HARRIMAN	TN	HIST UST
37748	1000919536	TN0000105866	STATE OF TENNESSEE DEPARTMENT OF	STATE ROUTE 27 BRIDGE OVER EMO	**	HARRIMAN	TN	RCRA-NonGen
37748	1016240965	110007842861	STATE OF TENNESSEE DEPARTMENT OF	STATE ROUTE 27 BRIDGE OVER EMO	**	HARRIMAN	TN	FINDS
37748	1020683408		H & J AUTO	101 SUWANEE ST	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	1010682019	110033142123	ERSHIGS, INC.	714 SWAN PON ROAD		HARRIMAN	TN	FINDS
37748	2010936560		ERSHIGS, INC.	714 SWAN POND RD		HARRIMAN	TN	ERNS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37748	2010941140			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009907267			714 SWAN POND RD		HARRIMON	TN	ERNS
37748	2009920492			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009925822			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2012015668			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2010940430			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009926820			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009917107			714 SWAN POND RD		HARRIMON	TN	ERNS
37748	2010936573			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2015127410			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2010933008			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009904163			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009918402			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009916655			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	1005453474	37763STVKNSW	US TVA KINGSTON FOSSIL PLANT	714 SWAN POND RD		HARRIMAN	TN	TRIS
37748	2009907001			714 SWAN POND RD		HARRIMON	TN	ERNS
37748	2009903835			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2010941883			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	2009911449			714 SWAN POND RD		HARRIMON	TN	ERNS
37748	2010929525			714 SWAN POND RD		HARRIMAN	TN	ERNS
37748	1016951653		US TVA KINGSTON FOSSIL PLANT	714 SWAN POND RD.		HARRIMAN	TN	TSCA
37748	2006813766			714 SWAN POND RD.		HARRIMAN	TN	ERNS
37748	2015115428			714 SWAN POND RD.		HARRIMAN	TN	ERNS
37748	1016128791	11000372631	US TVA KINGSTON FOSSIL PLANT	714 SWAN POND RD.		HARRIMAN	TN	ICIS, FINDS
37748	1012194136		KINGSTON POWER STATION	714 SWAN POND ROAD		HARRIMAN	TN	COAL ASH EPA
37748	2009903455			714 SWAN POND ROAD		HARRIMAN	TN	ERNS
37748	1015758121	TN8640006682	TVA, KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		HARRIMAN	TN	PADS, RCRA-CESQG
37748	1000121418		TVA KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		HARRIMAN	TN	ICIS
37748	1023639865	110070748449	TVA, KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		HARRIMAN	TN	FINDS
37748	S110360824		TENNESSEE VALLEY AUTHORITY (TVA) -	714 SWAN POND ROAD		HARRIMAN	TN	AIRS, NPDES, SPILLS
37748	1016174070		TVA KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		HARRIMAN	TN	RMP
37748	1014200897		TENNESSEE VALLEY AUTH - KINGSTON F	714 SWAN POND ROAD		HARRIMAN	TN	TSCA
37748	1012042707		TVA KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		HARRIMAN	TN	RMP
37748	1012194135		KINGSTON POWER STATION	714 SWAN POND ROAD		HARRIMAN	TN	COAL ASH EPA
37748	1014630576		KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		HAMMON	TN	PCB TRANSFORMER
37748	1016132493	110008122575	A B LONG QUARRIES INC	SWAN POND RD	**	HARRIMAN	TN	FINDS
37748	U003611322	2-730002	A B LONG QUARRIES INC	SWAN POND ROAD	**	HARRIMAN	TN	HIST UST
37748	U004165801		A B LONG QUARRIES INC	SWAN POND ROAD	**	HARRIMAN	TN	UST
37748	U004165900		WILSON TRUCKING	102 SYCAMORE ST.		HARRIMAN	TN	LUST, UST
37748	U002100338	2-730178	WILSON TRUCKING	102 SYCAMORE ST.		HARRIMAN	TN	HIST UST
37748	1000918336	110007867228	CHAMBERLAIN MEMORIAL HOSPITAL	654 N T63		HARRIMAN	TN	RCRA-NonGen, FINDS
37748	U004165534		EAST TENNESSEE FORD TRUCKS	TRUCKERS LANE	**	HARRIMAN	TN	UST
37748	U003611101	2-471171	EAST TENNESSEE FORD TRUCKS	TRUCKERS LANE	**	HARRIMAN	TN	HIST UST
37748	S108147827	IDL730000094	TVA KINGSTON FOSSIL PLANT CLASS II L	TVA KINGSTON FOSSIL PLANT CLASS II L			TN	SWF/LF
37748	S108858643		TVA KINGSTON FOSSIL PLANT GYPSUM I	TVA KINGSTON FOSSIL PLANT GYPSUM I			TN	SWF/LF
37748	S107460620	2650022	WALTER MELHORN	UNK	**	HARRIMAN	TN	LUST
37748	U004165831		HARRIMAN BATCHPLANT	WALDEN ST	**	HARRIMAN	TN	LUST
37748	U002100283	2-730052	HARRIMAN BATCHPLANT	WALDEN ST.		HARRIMAN	TN	HIST UST
37748	U004223090		HARRIMAN BATCHPLANT	WALDEN ST.	**	HARRIMAN	TN	UST
37748	1020954038		SUMMARS FRED & SON	WARTBURG HWY	**	HARRIMAN	TN	EDR Historical Auto Stations
37748	S116735621			309 WEBSTER RD		HARRIMAN	TN	CDL
37748	S111799003		WHETSTONE ROAD BRIDGE REPLACEME	WHETSTONE ROAD	**	COALFIELD	TN	NPDES
37748	1017372456	110060856337	ROANE COUNTY SOLID WASTE AUTHORI	215 WHITE PINE ROAD		HARRIMAN	TN	FINDS
37748	1024024995	110070134915	TDOT PROJECT #73035-1207-54 PIN #1037	SR-29 WIDEN FROM PINE RIDGE ROAD TO	**	HARRIMAN	TN	FINDS
37748	1026103594	110070674085	AC WATERLINE REPLACEMENT PHASE 2	WOODS CHAPEL AND HARRIMAN HIGHW.	**	HARRIMAN	TN	FINDS
37748	1026030106		AC WATERLINE REPLACEMENT PHASE 2	WOODS CHAPEL AND HARRIMAN HIGHW.	**	HARRIMAN	TN	FINDS
37748	U002100340	2-730185	RHEA BROWDER	WOODS CHAPEL AND HARRIMAN HIGHW.	**	HARRIMAN	TN	HIST UST
37748	U004165901		RHEA BROWDER	WOOSLEY ROAD	**	HARRIMAN	TN	UST
37763	1009655927	110027601922	DAIRY MART #477 (100733)	WOOSLEY ROAD	**	HARRIMAN	TN	FINDS
37763	1009692265	110027648384	FEDERAL BUILDING KINGSTON		**	KINGSTON	TN	FINDS
37763	1009664781	110027673818	RIVERBEND MARKET, LLC		**	KINGSTON	TN	FINDS
37763	1009783491	110027755891	BST KINGSTON OFFICE - GLC 81683		**	KINGSTON	TN	FINDS
37763	1022878932		LARUE		**		TN	
37763	1022878364		WESTAL TIPPLE		**		TN	
37763	1009773662	110027783496	SERVICE TEXACO		**	KINGSTON	TN	FINDS
37763	1009693391	110027731961	TARTAN OIL # 106		**	KINGSTON	TN	FINDS
37763	1025576653		CHAMBERLAIN/BARNARDSVILLE AREA		**	KINGSTON	TN	
37763	1025582015		UNNAMED BARITE OCCURRENCE		**	KINGSTON	TN	
37763	1025576654		CHAMBERLAIN-BARNARDSVILLE AREA-B		**	KINGSTON	TN	
37763	1009664321	110027672249	ROANE CO. DEPT. OF EDUCATION		**	KINGSTON	TN	FINDS

## EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	1009700601	110027669609	KENJO MARKET #28		**	KINGSTON	TN	FINDS
37763	1009668886	110027713954	J. HICKS EXCAVATING, INC.		**	KINGSTON	TN	FINDS
37763	1021357063		MOBIL ENGINEERING		**	KINGSTON	TN	EDR Historical Auto Stations
37763	1022878630		AREA #5 MINE				TN	
37763	1009693770	110027754419	BACON TRUCKING INC.		**	KINGSTON	TN	FINDS
37763	1009773465	110027771828	RACEWAY STATION # 741		**	KINGSTON	TN	FINDS
37763	1022878725		#1				TN	
37763	1009676030	110027722882	WATTS BAR WAREHOUSE		**	KINGSTON	TN	FINDS
37763	1009696583	110027693789	HACKNEY AMOCO #106		**	KINGSTON	TN	FINDS
37763	1022878376		OLD ENERGY #1 MINE #1 SECTION				TN	
37763	1009660159	110027700799	HIAWASSEE LAND CO DISTRICT		**	KINGSTON	TN	FINDS
37763	1009695995	110027693253	KINGSTON SCANDYLON LUMBER CO INC		**	KINGSTON	TN	FINDS
37763	1022879027		COAL ENERGY #3 &3A				TN	
37763	1009665419	110027696937	ROCKY TOP MARKET #1		**	KINGSTON	TN	FINDS
37763	1025568861		OLIVER SPRINGS SAND QUARRY			KINGSTON	TN	
37763	1025681530		TAYLOR & BRABSON BARITE MINE			KINGSTON	TN	
37763	1009692854	110027731505	GALYON S GENERAL STORE		**	KINGSTON	TN	FINDS
37763	1009658633	110027689810	WEIGEL S #58		**	KINGSTON	TN	FINDS
37763	1022878878		NO 1 SURFACE		**		TN	
37763	1009660073	110052318611	CITY OF KINGSTON		**	KINGSTON	TN	FINDS
37763	1025576765		TAYLOR AND BRABSON BARITE MINE			KINGSTON	TN	
37763	1025532323		TAYLOR AND BRABSON BARITE MINE			KINGSTON	TN	
37763	1009769254	110027764131	MICHAEL DUNN CENTER		**	KINGSTON	TN	FINDS
37763	1022877887		NO 1 MINE		**		TN	
37763	1009774514	110027752787	MEADOWLAKE AIRPARK		**	KINGSTON	TN	FINDS
37763	1025636978		CHAMBERLAIN-BARNARDVILLE DEP. NOF			KINGSTON	TN	
37763	1022999933	110027743093	# 104		**		TN	FINDS
37763	1009662675	110027684389	MOM AND POPS MARKET		**	KINGSTON	TN	FINDS
37763	1009701291	110027699532	DOUBLE L MARKET		**	KINGSTON	TN	FINDS
37763	1009695992	110027693173	KINGSTON FOSSIL PLANT		**	KINGSTON	TN	FINDS
37763	1025772097		UNNAMED BARITE OCCURRENCE			KINGSTON	TN	
37763	1009771858	110027783094	SCOT MARKET #31		**	KINGSTON	TN	FINDS
37763	1009664323	110027672294	ROANE CO. SHERIFF S DEPT.		**	KINGSTON	TN	FINDS
37763	1009665948	110027697473	ROCKY TOP MARKET #26		**	KINGSTON	TN	FINDS
37763	1009656488	110027606464	DAVE S HILLTOP MARKET INC		**	KINGSTON	TN	FINDS
37763	1022999932	110027743084	# 103		**		TN	FINDS
37763	1009667334	110027651306	FOOD CITY GAS N GO #653		**	KINGSTON	TN	FINDS
37763	1009657281	110027656560	K.O.A. - JUDY HALLIDAY SHAW		**	KINGSTON	TN	FINDS
37763	1009655860	110027601968	DAIRY MART #456		**	KINGSTON	TN	FINDS
37763	1009695991	110027693137	KINGSTON 66		**	KINGSTON	TN	FINDS
37763	1009773020	110027780827	C AND S SERVICE CENTER		**	KINGSTON	TN	FINDS
37763	1022999934	110027743100	# 105		**		TN	FINDS
37763	1009768065	110027763409	MIDWAY GROCERY		**	KINGSTON	TN	FINDS
37763	1022878302		NO 2				TN	
37763	1009658861	110027663767	FRUITLAND MARKET PILOT # 132		**	KINGSTON	TN	FINDS
37763	1009665428	110027697099	ROCKY TOP MARKET #14		**	KINGSTON	TN	FINDS
37763	1009773663	110027783502	SERVICE TEXACO		**	KINGSTON	TN	FINDS
37763	1009660901	110027680356	SENSALORY GROCERY		**	KINGSTON	TN	FINDS
37763	1009768069	110027763463	MIDWAY HIGH SCHOOL		**	KINGSTON	TN	FINDS
37763	1009735063	110027731890	MYERS HI-LO		**	KINGSTON	TN	FINDS
37763	1009693388	110027731925	TARTAN OIL # 104		**	KINGSTON	TN	FINDS
37763	1009664057	110027706668	MUECKE MARINE AND TIRE		**	KINGSTON	TN	FINDS
37763	1022879062		FENTRESS NO 1				TN	
37763	1009660432	110027685093	WILIO		**	KINGSTON	TN	FINDS
37763	1009737379	110027739856	PAINT ROCK GROCERY		**	KINGSTON	TN	FINDS
37763	1009737278	110027720517	OLD MARGRAVE TEXACO STATION		**	KINGSTON	TN	FINDS
37763	1016215695	11006451366	CUSTOM METAL SERVICE	RT #2 BOX 255	**	MIDTOWN	TN	FINDS
37763	S106706525	2730038	KENTUCKY STREET EXXON	#50764	**	KINGSTON	TN	LUST TRUST
37763	S101135077	2-730038	KENTUCKY ST EXXON # 50764	I-40 & KENTUCKY ST	**	KINGSTON	TN	HIST_LUST CO
37763	S121924239		KENTUCKY ST EXXON # 50764	I-40 & KENTUCKY ST	**	KINGSTON	TN	LUST
37763	1000462030	TND987770393	EXXON MOBIL CORP #50764	I-40 & KY ST	**	KINGSTON	TN	RCRA-NonGen
37763	1016257027	110008125974	EXXON MOBIL CORP #50764	I-40 & KY ST	**	KINGSTON	TN	FINDS
37763	S107460682	2730148	MYERS HI-LO	RT 1	**	KINGSTON	TN	LUST
37763	U004165879		MYERS HI-LO	RT. 1	**	KINGSTON	TN	UST
37763	U003611387	2-730148	MYERS HI-LO	RT. 1	**	KINGSTON	TN	HIST UST
37763	U003611392	2-730153	MIDWAY HIGH SCHOOL	RT. 1 BOX 302	**	KINGSTON	TN	HIST UST
37763	U004165884		MIDWAY HIGH SCHOOL	RT. 1 BOX 302	**	KINGSTON	TN	UST
37763	1020223052		NORMANS QUICK CHECK	RR 2 BOX 123	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1000206970	TND982143216	LODEN'S AUTO BODY SHOP	RT 2 BOX 298	**	KINGSTON	TN	RCRA-NonGen

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	1016212616	110006121865	LODEN'S AUTO BODY SHOP	RT 2 BOX 298	**	KINGSTON	TN	FINDS
37763	U003611398	2-730164	SENSALORY GROCERY	RT. 2 SWEETWATER ROAD	**	KINGSTON	TN	HIST UST
37763	U004165892		SENSALORY GROCERY	RT. 2 SWEETWATER ROAD	**	KINGSTON	TN	UST
37763	1021501908		AMOCO	ROUTE 3	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020989479		PACKNIE AMACO	RT 3	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1026301730	110052377110	CAMELOT CARE CENTER-WELL	RT 3 BOX 267 C	**	KINGSTON	TN	FINDS
37763	1026292379	110050642667	CAMELOT CARE CENTER-HOUSE-1 WELL	RT 3 BOX 267C	**	KINGSTON	TN	FINDS
37763	S125469645		DOUBLE L MARKET	198 TN 304	**	KINGSTON	TN	LUST
37763	1020989428		LADD GROCERY	314 S 3RD ST 314	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021601911		HILL TOP MARKET	ROUTE 4	**	KINGSTON	TN	EDR Historical Auto Stations
37763	S118144328		HILLTOP GROCERY	ROUTE 4 BOX 200	**	KINGSTON	TN	LUST TRUST
37763	1021378679		HILL TOP MARKET	RR 4	**	KINGSTON	TN	EDR Historical Auto Stations
37763	93202275			RT 4 297	**	KINGSTON	TN	ERNS
37763	S101135078	2-730059	HILLTOP GROC	RT 4 BOX 200	**	KINGSTON	TN	HIST_LUST CO
37763	U003608754	0-730182	WATTS BAR WAREHOUSE	RT. 4	**	KINGSTON	TN	HIST UST
37763	U004162777		WATTS BAR WAREHOUSE	RT. 4	**	KINGSTON	TN	HIST UST, UST
37763	U004184306		K.O.A. - JUDY HALLIDAY SHAW	RT. 4 BOX 88 DE ARMOND ROAD	**	KINGSTON	TN	UST
37763	U003611355	2-730071	K.O.A. - JUDY HALLIDAY SHAW	RT. 4 BOX 88 DE ARMOND ROAD	**	KINGSTON	TN	HIST UST
37763	S107460643	2730027	CONVENIENT FOOD MART #456	RT 5 BLUFF RD	**	KINGSTON	TN	LUST
37763	U004184298		DOUBLE L MARKET	HIGHWAY 58 AND 304	**	KINGSTON	TN	UST
37763	U002100275	2-730033	DOUBLE L MARKET	HIGHWAY 58 AND 304	**	KINGSTON	TN	HIST UST, LUST TRUST
37763	S111824319		TDOT-BRIDGE & APPROCHES REPLACEM	HIGHWAY 58 BRIDGE & APPROACH OVER	**	KINGSTON	TN	NPDES
37763	1022080214		HILLTOP GROCERY	HWY 58	**	KINGSTON	TN	EDR Historical Auto Stations
37763	S111805954		HACKNEY PETROLEUM AMOCO NO. 106	HWY. 58 NORTH & I-40 NE CORNER	**	KINGSTON	TN	NPDES
37763	S107460663	2730086	NORMAN'S QUICK CHECK	HIGHWAY 70	**	KINGSTON	TN	LUST
37763	U003611328	2-730014	C AND S SERVICE CENTER	HIGHWAY 70 AT STEAM PLANT ROAD	**	KINGSTON	TN	HIST UST
37763	U004165809		C AND S SERVICE CENTER	HIGHWAY 70 AT STEAM PLANT ROAD	**	KINGSTON	TN	UST
37763	1020518859		POWERS HORACE E	HWY 70	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021489178		MC CLURES PHILLIPS 66 STATION	HWY 70	**	KINGSTON	TN	EDR Historical Auto Stations
37763	S111805961		NORMAN'S QUICK CHECK	HWY 70 & HWY 326	**	KINGSTON	TN	NPDES
37763	S107460639	2730014	# 106 (C&S SERV. CENTER)	HWY 70 (STEAM PLANT RD)	**	KINGSTON	TN	LUST
37763	1020020485		KINGSTON CLEANERS	HWY 70 W	**	KINGSTON	TN	EDR Historical Cleaners
37763	U004162772		KINGSTON FOSSIL PLANT	US 70	**	KINGSTON	TN	HIST UST, UST
37763	U003608748	0-730074	KINGSTON FOSSIL PLANT	US 70	**	KINGSTON	TN	HIST UST
37763	S107460686	2730167	C & S SERVICE CENTER	HWY 70, MIDTOWN	**	KINGSTON	TN	LUST
37763	1022100336		HILL TOP GROCERY & SERVICE STN	<	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021952732		COLLIER WILLIAM F JR	<	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021965675		CALDWELL K C DX SERVICE STN	<	**	KINGSTON	TN	EDR Historical Auto Stations
37763	U004165877		WILIO	I-40 AND BUTTERMILK ROAD	**	KINGSTON	TN	UST
37763	U002100321	2-730142	WILIO	I-40 AND BUTTERMILK ROAD	**	KINGSTON	TN	HIST UST
37763	S107460655	2730050	HACKNEY AMOCO #6	I-40 AND HWY 58N	**	KINGSTON	TN	LUST
37763	S107460688	2730170	MEADOWLAKE AIRPARK	ANGLERS COVE RD	**	KINGSTON	TN	LUST
37763	U004165896		MEADOWLAKE AIRPARK	ANGLERS COVE ROAD	**	KINGSTON	TN	UST
37763	U002018365	2-730170	MEADOWLAKE AIRPARK	ANGLERS COVE ROAD	**	KINGSTON	TN	HIST UST
37763	1026543680	110070838770	EROSION CONTROL AT 360 DE ARMOND	360 DE ARMOND RD.	**	KINGSTON	TN	FINDS
37763	1020628449		HARRIS MARINE & TIRE INC	I-40 AT GALLHR RD	**	KINGSTON	TN	EDR Historical Auto Stations
37763	S121924241		HULING'S MARKET	I-40 AT ST 58	**	KINGSTON	TN	LUST
37763	1023528815	110069148951	HITTMAN TRANSPORT SERVICES INC	I40 AT GALLAGHER RD	**	KINGSTON	TN	FINDS
37763	1000883047	TN9891800006	U.S. DOE, CENTRAL TRAINING FACILITY	1200 BEAR CREEK ROAD	**	OAK RIDGE	TN	RCRA-CESQG
37763	1026100061	110070669797	CENTRAL TRAINING FACILITY	1200 BEAR CREEK ROAD	**	KINGSTON	TN	FINDS
37763	1026028517		CENTRAL TRAINING FACILITY	1200 BEAR CREEK ROAD	**	KINGSTON	TN	FINDS
37763	1007994140	110020792178	TVA PSD SITE 15 KM E FROM KINGSTON	1500 BEAR CREEK ROAD, OAK RIDGE, TN	**	OAK RIDGE	TN	FINDS
37763	1017121558	110050759041	OAK RIDGE DEPT OF PUBLIC WORKS-CLI	1515 BEAR CREEK RD	**	KINGSTON	TN	FINDS
37763	93198248			1515 BEAR CREEK ROAD	**	KINGSTON	TN	ERNS
37763	1001203638	110005004805	ATG CATALYTIC	1556 BEAR CREEK ROAD	**	KINGSTON	TN	RCRA-NonGen, FINDS
37763	1022929909		ENERGYSOLUTIONS BEAR CREEK FACILI	1560 BEAR CREEK RD	**	KINGSTON	TN	FINDS
37763	1022966162	110070001042	ENERGYSOLUTIONS, LLC - BEAR CREEK	1570 BEAR CREEK ROAD	**	KINGSTON	TN	FINDS
37763	U004165885		ROANE CO. DEPT. OF EDUCATION	100 BLUFF ROAD	**	KINGSTON	TN	UST
37763	1016288886	110011520210	ROANE COUNTY SCHOOL DISTRICT	100 BLUFF ROAD	**	KINGSTON	TN	FINDS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	1004596751		ROANE COUNTY SCHOOL DISTRICT	100 BLUFF ROAD		KINGSTON	TN	FTTS
37763	U003611393	2-730154	ROANE CO. DEPT. OF EDUCATION	100 BLUFF ROAD		KINGSTON	TN	HIST UST
37763	1022056721		MACS CONVENIENCE STORES LLC	101 BLUFF RD		KINGSTON	TN	EDR Historical Auto Stations
37763	U001312581	2-730027	TN0030	104 BLUFF ROAD		KINGSTON	TN	HIST UST, UST
37763	1014837250	110041877038	ROANE COUNTY SCHOOLS	105 BLUFF ROAD		KINGSTON	TN	ICIS, FINDS
37763	1021763591		BLUFF ROAD GROCERY CO	BLUFF ROAD	**	KINGSTON	TN	EDR Historical Auto Stations
37763	U004165907		J. HICKS EXCAVATING, INC.	201 BOEING DRIVE		KINGSTON	TN	LUST, UST
37763	1007990843	TNR000020016	SOUTHERN FREIGHT LOGISTICS LLC	201 BOEING DRIVE		KINGSTON	TN	RCRA-NonGen
37763	1008205277	110020891775	SOUTHERN FREIGHT LOGISTICS LLC	201 BOEING DRIVE		KINGSTON	TN	FINDS
37763	U002242790	2-730196	J. HICKS EXCAVATING, INC.	201 BOEING DRIVE		KINGSTON	TN	HIST UST
37763	1026233673	110020148151	WATTS BAR UTILITY DISTRICT	P.O. BOX 910	**	KINGSTON	TN	FINDS
37763	1026175919		WATTS BAR UTILITY DISTRICT EAST	P.O. BOX 910	**	KINGSTON	TN	FINDS
37763	1026299245	110052281785	KINGSTON STEAM PLANT, TVA-EMORY R	PO BOX 2000,KINGSTON FOSS.P	**	KINGSTON	TN	FINDS
37763	1026287527	110050455468	COMMUNITY GRILL-1 WELL	PO BOX 993	**	KINGSTON	TN	FINDS
37763	1026287549	110050455707	MIDWAY HIGH & ELEM. SCHOOLS-SPRINC	RT.5, BOX 113-B	**	KINGSTON	TN	FINDS
37763	S111824330		TDOT - SR-1; PROJECT NO. 73004-1213-94	SR-1 BRIDGE & APPROACH OVER CLINCH	**	KINGSTON	TN	NPDES
37763	S111807246		CRETE CARRIER CORPORATION	2229 BUTTERMILK ROAD		LENOIR CITY	TN	NPDES
37763	1022288809	110070001888	CRETE CARRIER CORPORATION	2229 BUTTERMILK ROAD		LENOIR CITY	TN	FINDS
37763	1021442310		BANDYS INTERSTATE MOBILE STN	I-40 BUTTERMILK RD EXIT	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1012098663	110038784287	AVISCO, INC. (GIBSON BORROW PIT)	145 CEDAR BROOK LANE		KINGSTON	TN	FINDS
37763	S111809901		STEEL VISIONS INC. AND AVISCO, INC	145 CEDAR BROOK LN		KINGSTON	TN	NPDES
37763	1026456581	110070816490	EPISCOPAL DIOCESE	300 CHAMBERLAIN COVE RD		KINGSTON	TN	FINDS
37763	1022021243		SHELL REED	126 W CHURCH ST		KINGSTON	TN	EDR Historical Auto Stations
37763	1022246389		BAINS EDGEWOOD GULF SV STN	COR 140 & 58 HWYS	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020511893		BAINS EDGEWOOD GULF SV STN	COR I-40 & 58 HWYS	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020573865		BAINS EDGEWOOD GULF SV STN	COR I-40 & 58 HWYS	**	KINGSTON	TN	EDR Historical Auto Stations
37763	S107460642	2730024	CITY OF KINGSTON	COURT STREET	**	KINGSTON	TN	LUST
37763	U003611336	2-730024	CITY OF KINGSTON	125 CUMBERLAND ST. WEST		KINGSTON	TN	HIST UST
37763	U004165817		CITY OF KINGSTON	125 CUMBERLAND ST. WEST		KINGSTON	TN	UST
37763	S111825349		KINGSTON WATER DEPARTMENT	125 WEST CUMBERLAND STREET		KINGSTON	TN	NPDES
37763	1001483527	110004990920	CENTRAL AUTO PARTS & SUPPLIES INC	134 E CUMBERLAND ST		KINGSTON	TN	RCRA-NonGen, FINDS
37763	1026177619		WATTS BAR LAKE CAMPGROUND-WELL	511 DEARMOND RD		KINGSTON	TN	FINDS
37763	1026287544	110050455636	WATTS BAR LAKE CAMPGROUND-WELL	511 DEARMOND RD		KINGSTON	TN	FINDS
37763	1000996416	TN0001119122	JOYNER SCRAP YARD	2228 DECATUR HWY/HWY 58		KINGSTON	TN	CERCLIS, SHWS
37763	1016279022	110009321643	JOYNER SCRAP YARD	2228 DECATUR HWY/HWY 58		KINGSTON	TN	FINDS
37763	1022287756	110069605519	GENE MCCLURE EXCESS EXCAVATION D	2941 DECATUR HWY		KINGSTON-TN	TN	FINDS
37763	1024400548	110070314830	TENNESSEE RIVER HARDWOODS CO	3114 DECATUR HIGHWAY		KINGSTON	TN	FINDS
37763	S117552979		BACON TRUCKING, INC.	3526 DECATUR HIGHWAY		KINGSTON	TN	LUST
37763	U001909048	2-730141	RIVERBEND 1	3549 DECATUR HIGHWAY		KINGSTON	TN	HIST UST, LUST TRUST, LUST, UST
37763	1021559806		RIVERBEND MARKET LLC	3549 DECATUR HWY		KINGSTON	TN	EDR Historical Auto Stations
37763	1026287541	110050455609	SHILOH BAPTIST CHURCH-WELL	4242 DECATUR HWY		KINGSTON	TN	FINDS
37763	1016257456	110008131725	FAIRVIEW SHELL SERVICE STA	DECATUR HWY	**	KINGSTON	TN	FINDS
37763	1000919422	TND990657835	FAIRVIEW SHELL SERVICE STA	DECATUR HWY	**	KINGSTON	TN	RCRA-NonGen
37763	S116735624		PROPERTY AT :1866-1876 DOGWOOD VAL	404 DOGTOWN RD	**	KINGSTON	TN	CDL
37763	S123322500		DURATEK SERVICES, INC.	1866-1876 DOGWOOD VALLEY ROAD	**	KINGSTON	TN	FINDS
37763	S103449979	SWP730001287	DURATEK SERVICES, INC.	DURATEK SERVICES, INC.		KINGSTON	TN	SWF/LF
37763	1012188561	TNR000027748	LUBRICORP, LLC	124 FARMER ROAD		KINGSTON	TN	RCRA-NonGen
37763	1012238394	110039566252	LUBRICORP, LLC	124 FARMER ROAD		KINGSTON	TN	FINDS
37763	1026293609	110050846849	CAMELOT CARE CENTER-SCHOOL-WELL	183 FIDDLER'S LANE		KINGSTON	TN	FINDS
37763	U002100307	2-730108	TN0009	101 FIRST ST.		KINGSTON	TN	HIST UST, LUST TRUST, AIRS, LUST, UST
37763	1007994658	110020795022	N 1ST ST AND LOVELESS ST	FIRST & LOVELESS STS		KINGSTON	TN	FINDS
37763	1007990821	TNR000019778	UNIVERSAL ENVIRONMENTAL SERVICES	2125 FOUR MILE ROAD	**	KINGSTON	TN	RCRA-NonGen
37763	1008001011	110020745960	UNIVERSAL ENVIRONMENTAL SERVICES	2125 FOUR MILE ROAD	**	KINGSTON	TN	FINDS
37763	1000915016	110009446359	ROANE COUNTY PUBLISHING CO INC	204 FRANKLIN ST		KINGSTON	TN	RCRA-NonGen, FINDS
37763	S113874344		ROANE NEWSPAPERS	204 FRANKLIN STREET		KINGSTON	TN	NPDES
37763	1007116484	TNR000013284	SCHUITEN AUTOMOTIVE	216 FRANKLIN STREET		KINGSTON	TN	RCRA-NonGen
37763	1007214128	110016711708	SCHUITEN AUTOMOTIVE	216 FRANKLIN STREET		KINGSTON	TN	FINDS
37763	1010682934	110033153904	GTS DURATEK ENERGY SOLUTIONS	628 GALAHER RD		KINGSTON	TN	FINDS
37763	1026306566	110052568501	KAY'S KIDDYLAND DAY CARE-WELL	1132 GALLAGER RD	**	KINGSTON	TN	FINDS
37763	1020345359		HACKNEY H T CO INC	540 GALLAHER RD		KINGSTON	TN	EDR Historical Auto Stations

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	S111811807		FRONTIER FIREARMS, LLC	1218 GALLAHER ROAD		KINGSTON	TN	NPDES
37763	1023706890	110070105460	1221 GALLAHER ROAD BORROW SITE	1221 GALLAHER ROAD		KINGSTON	TN	FINDS
37763	S111812493		1221 GALLAHER ROAD BORROW SITE	1221 GALLAHER ROAD		KINGSTON	TN	NPDES
37763	1004782218	TND982145492	AUTO COLLISION EXPERTS, LLC - KINGST	1259A GALLAHER ROAD		KINGSTON	TN	RCRA-CESQG
37763	1018321443	110008124546	AUTO COLLISION EXPERTS, LLC - KINGST	1259A GALLAHER ROAD		KINGSTON	TN	FINDS
37763	1016158790	110070243709	BLUE SKY BIODIESEL INC	1313 GALLAHER RD		KINGSTON	TN	FINDS
37763	S107859276		DAYS INN KINGSTON	495 GALLAHER ROAD		KINGSTON	TN	NPDES
37763	1025455367	110070528304	WEIGEL'S #58	504 GALLAHER ROAD		KINGSTON	TN	FINDS
37763	1024936037		WEIGEL'S #58	504 GALLAHER ROAD		KINGSTON	TN	
37763	U004066453	2730202	WEIGEL'S #58	504 GALLAHER ROAD		KINGSTON	TN	UST
37763	1020654140		B P GAS WITH INVIGORATE	505 GALLAHER RD		KINGSTON	TN	EDR Historical Auto Stations
37763	S121924242		KENJO #28	505 GALLAHER RD.		KINGSTON	TN	LUST
37763	U001909095	2-730049	KENJO MARKET #28	505 GALLAHER ROAD		KINGSTON	TN	HIST UST, NPDES, UST
37763	S104780786	2730050	AMOCO #106	513 GALLAHER ROAD		KINGSTON	TN	LUST TRUST
37763	U004165829		HACKNEY AMOCO #106	513 GALLAHER ROAD I-40 AND 58 NORTH		KINGSTON	TN	UST
37763	U003611344	2-730050	HACKNEY AMOCO #106	513 GALLAHER ROAD I-40 AND 58 NORTH		KINGSTON	TN	HIST UST
37763	1026098556	110070668165	EARL DUFF SUBARU	531 GALLAHER RD		KINGSTON	TN	FINDS
37763	1026026921		EARL DUFF SUBARU	531 GALLAHER RD		KINGSTON	TN	
37763	S111804139		FAMILY INNS OF AMERICA; BUDGET INN	606 GALLAHER ROAD		KINGSTON	TN	NPDES
37763	1000578261	110008127419	HITMAN TRANSPORT SERVICES, INC.	628 GALLAHER RD		KINGSTON	TN	PADS, RCRA-NonGen, FINDS
37763	1001229857	110005004155	ENERGYSOLUTIONS, INC., GALLAHER RC	628 GALLAHER ROAD		KINGSTON	TN	AIRS, NPDES, RCRA-CESQG, FINDS
37763	1026008796		ENERGYSOLUTIONS, INC., GALLAHER RC	628 GALLAHER ROAD		KINGSTON	TN	
37763	U003349726	2-730082	MICHAEL DUNN CENTER	629 GALLAHER ROAD		KINGSTON	TN	HIST UST, UST
37763	1005453473	37763DVRSF65	DIVERSIFIED SCIENTIFIC SERVICE S INC	657 GALLAHER RD		KINGSTON	TN	TRIS
37763	S121926851		DIVERSIFIED SCIENTIFIC SERVICES	657 GALLAHER RD		KINGSTON	TN	AIRS
37763	1000218175	TND982109142	DIVERSIFIED SCIENTIFIC SERVICES INC.	657 GALLAHER ROAD		KINGSTON	TN	CORRACTS, PADS, RCRAInfo-LQG, RCRAInfo-TSDF, RAATS
37763	S107859168		DIVERSIFIED SCIENTIFIC SERVICES, INC.	657 GALLAHER ROAD		KINGSTON	TN	AIRS, NPDES
37763	2006789074			657 GALLAHER ROAD		KINGSTON	TN	ERNS
37763	S111810715		GALLAHER SELF STORAGE	715 GALLAHER ROAD		KINGSTON	TN	NPDES
37763	S111805577		APAC - ATLANTIC, INC./HARRISON DIVISIK	730 GALLAHER ROAD		KINGSTON	TN	AIRS, NPDES
37763	1006715789	110009790164	APAC - ATLANTIC, INC./HARRISON DIVISIK	730 GALLAHER ROAD		KINGSTON	TN	FINDS
37763	S113416307			739 N GALLAHER RD		KINGSTON	TN	CDL
37763	S123320896		CLOSED 765 GALLAHER ROAD	765 GALLAHER ROAD		KINGSTON	TN	
37763	1014836779	110042353850	TENNESSEE COILSPRINGS, INC.	765 GALLAHER ROAD		KINGSTON	TN	FINDS
37763	1020596496		LADD ROY LEE GROCERY	GALLAHER RD	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021116556		BAINS EDGEWOOD GULF SV STN	GALLAHER RD	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021475213		SANDERS AMERICAN	GALLAHER RD AT I-40	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1005515197	110007192242	HARRISON CONSTRUCTION CO./DIV OF A	GALLAHER ROAD	**	KINGSTON	TN	FINDS
37763	1022036444		SANDERS AMERICAN	GALLAHER ROAD AT I-40	**	KINGSTON	TN	EDR Historical Auto Stations
37763	U004165906		OLD MARGRAVE TEXACO STATION	I-40 GALLAHER ROAD	**	KINGSTON	TN	UST
37763	U003611407	2-730194	OLD MARGRAVE TEXACO STATION	I-40 GALLAHER ROAD	**	KINGSTON	TN	HIST UST
37763	S123322449		PRIVATE PROPERTY IN KINGSTON, TN W	ON GAMBLE SPRINGS ROAD, KINGSTON,	**	KINGSTON	TN	
37763	1020401758		PILOT OIL CORP	143 GREYSTONE WAY		KINGSTON	TN	EDR Historical Auto Stations
37763	S127023197		HALCOLM DRIVE DUMP	HALCOME DRIVE	**	KINGSTON	TN	
37763	S113913707			117 HARRISON LN	**	KINGSTON	TN	CDL
37763	1024084048	110070163296	COMMUNICATION LINE INSTALL - AT&T PI	HIGHLAND RESERVE WAY AND ENCLAVE		KINGSTON	TN	FINDS
37763	98469057			108 HILLTOP DR.		KINGSTON	TN	ERNS
37763	1020749611		DAVES HILLTOP MARKET INC	175 HILLTOP LOOP	**	KINGSTON	TN	EDR Historical Auto Stations
37763	U004165836		DAVE'S HILLTOP MARKET INC	175 HILLTOP LOOP HIGHWAY 58 SOUT		KINGSTON	TN	LUST, UST
37763	U003031886	2-730059	DAVE'S HILLTOP MARKET INC	175 HILLTOP LOOP HIGHWAY 58 SOUTH		KINGSTON	TN	HIST UST
37763	1020280282		DAVES HILLTOP MARKET INC	175 HILLTOP LOOP RD		KINGSTON	TN	EDR Historical Auto Stations
37763	S109538641		HILLTOP GROCERY	175 HILLTOP LOOP ROAD		KINGSTON	TN	NPDES
37763	1021212966		DAVESHILLTOP MARKET	178 HILLTOP LOOP	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1014837603	110040715269	#2-730059 HILLTOP GROCERY	218 HILLTOP LOOP RD		KINGSTON	TN	FINDS
37763	1012209814	TNN000410332	TVA KINGSTON FOSSIL PLANT FLY ASH	US HWY 70		KINGSTON	TN	CERCLIS, PRP
37763	S113874314		TDOT - SR-58 @ SR-72, PROJ# 73010-1241	INTERSECTION OF SR-58 & SR-72	**	BARNARD	TN	NPDES
37763	1016146098		KINGSTON STP	1503 JAMES FERRY ROAD		KINGSTON	TN	
37763	S111804370		KINGSTON STP	1503 JAMES FERRY ROAD		KINGSTON	TN	NPDES
37763	1021846480		BROWDER GEORGE W & SON	101 SOUTH KENTUCKY ST		KINGSTON	TN	EDR Historical Auto Stations

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	S107460848	k739015	THE AUTO PLACE (NAPA)	1208 N KENTUCKY STREET		KINGSTON	TN	LUST
37763	1026621188		NAPA AUTO PARTS/AUTO PLACE (KINGS	1208 N. KENTUCKY STREET		KINGSTON	TN	PRP
37763	1024424056	110070343680	KINGSTON WATER TREATMENT PLANT	1318 SOUTH KENTUCKY STREET		KINGSTON	TN	FINDS
37763	S127015952		KINGSTON WATER TREATMENT PLANT	1318 SOUTH KENTUCKY STREET		KINGSTON	TN	NPDES
37763	S127016081		KINGSTON WATER TREATMENT PLANT	1318 SOUTH KENTUCKY STREET		KINGSTON	TN	NPDES
37763	S107460636	2730011	# 103	205 N KENTUCKY ST		KINGSTON	TN	LUST
37763	U004165806		NO.103	205 NORTH KENTUCKY ST.		KINGSTON	TN	UST
37763	U003611325	2-730011	# 103	205 NORTH KENTUCKY ST.		KINGSTON	TN	HIST UST
37763	1019971284		DELUXE CLEANERS	230 KENTUCKY ST	**	KINGSTON	TN	EDR Historical Cleaners
37763	1019919197		A&C CLEANERS	230 N KENTUCKY ST		KINGSTON	TN	EDR Historical Cleaners
37763	1019971285		DELUXE CLEANERS	230 S KENTUCKY ST		KINGSTON	TN	EDR Historical Cleaners
37763	1004782608	TNR000000331	BELLSOUTH TELECOMMUNICATIONS-816	411 KENTUCKY AVENUE	**	KINGSTON	TN	RCRA-CESQG
37763	1016203843	110005002594	BELLSOUTH TELECOMMUNICATIONS-816	411 KENTUCKY AVENUE		KINGSTON	TN	FINDS
37763	U003202673	2-730122	BST KINGSTON OFFICE - GLC 81683	411 NORTH KENTUCKY ST.		KINGSTON	TN	HIST UST, UST
37763	1020288299		HARVEY TERRY SERVICENTER	500 N KENTUCKY ST		KINGSTON	TN	EDR Historical Auto Stations
37763	S107460673	2730114	SERVICE TEXACO	500 N KENTUCKY ST		KINGSTON	TN	LUST
37763	1026643355		TERRY HARVEY SERVICE CENTER	500 N. KENTUCKY STREET		KINGSTON	TN	PRP
37763	U004165866		SERVICE TEXACO	500 NORTH KENTUCKY ST.		KINGSTON	TN	UST
37763	U002100310	2-730114	SERVICE TEXACO	500 NORTH KENTUCKY ST.		KINGSTON	TN	HIST UST
37763	1021619803		ROCKY TOP MARKET INC	614 KENTUCKY ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021309135		ROCKY TOP MARKETS LLC	614 N KENTUCKY ST		KINGSTON	TN	EDR Historical Auto Stations
37763	U002100305	2-730104	ROCKY TOP MARKET #1	614 NORTH KENTUCKY ST.		KINGSTON	TN	HIST UST, LUST TRUST, AIRS, UST
37763	S118144234		TN0001	614 NORTH KENTUCKY ST.		KINGSTON	TN	LUST
37763	1021930736		COLYERS KINGSTON AMERICAN STN	616 KENTUCKY AVE	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1022193479		KINGSTON AMERICAN STATION	616 KENTUCKY AVE	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020459181		COLYERS KINGSTON AMERICAN STN	616 N KENTUCKY AVE		KINGSTON	TN	EDR Historical Auto Stations
37763	1022184856		RACETRAC PETROLEUM INC	718 N KENTUCKY ST		KINGSTON	TN	EDR Historical Auto Stations
37763	U003378316	2-730181	RACEWAY STATION # 741	718 NORTH KENTUCKY STREET		KINGSTON	TN	HIST UST, LUST TRUST, LUST, UST
37763	U003611358	2-730075	KINGSTON SCANDYLON LUMBER CO INC	719 NORTH KENTUCKY ST.		KINGSTON	TN	HIST UST
37763	U004165844		KINGSTON SCANDYLON LUMBER CO INC	719 NORTH KENTUCKY ST.		KINGSTON	TN	UST
37763	1024028803	110070148022	MCDONALD'S RESTAURANT - KINGSTON	840 NORTH KENTUCKY STREET		KINGSTON	TN	FINDS
37763	1021239910		ZOOMERZ ON RUN	934 N KENTUCKY ST		KINGSTON	TN	EDR Historical Auto Stations
37763	S121924958		ZOOMERZ #67	935 N KENTUCKY ST		KINGSTON	TN	LUST TRUST
37763	1021252925		KENTUCKY STREET EXXON	935 N KENTUCKY ST		KINGSTON	TN	EDR Historical Auto Stations
37763	1009670247	110027740666	ZOOMERZ #67	935 N KENTUCKY ST		KINGSTON	TN	FINDS
37763	S121924238		TN0038	935 NORTH KENTUCKY ST.		KINGSTON	TN	LUST TRUST, AIRS, LUST
37763	U002100277	2-730038	ZOOMERZ #67	935 NORTH KENTUCKY ST.		KINGSTON	TN	HIST UST, UST
37763	S121924240		ZOOMERZ #67	935 NORTH KENTUCKY ST.		KINGSTON	TN	LUST
37763	2008892431			935 NORTH KENTUCKY STREET		KINGSTON	TN	ERNS
37763	U003608747	0-730046	FEDERAL BUILDING KINGSTON	KENTUCKY AND STINNETT ST.		KINGSTON	TN	HIST UST
37763	U004162771		FEDERAL BUILDING KINGSTON	KENTUCKY AND STINNETT ST.		KINGSTON	TN	HIST UST, UST
37763	1021600286		WRIGHTS ERNIE ESSO AT KINGSTON	KENTUCKY ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1004781952	TND980513550	SOUTH CENTRAL BELL KGTNTNMT	KENTUCKY STREET	**	KINGSTON	TN	RCRA-NonGen
37763	1016256735	110008120684	SOUTH CENTRAL BELL KGTNTNMT	KENTUCKY STREET		KINGSTON	TN	FINDS
37763	1020231467		WRIGHTS ERNIE ESSO AT KINGSTON	N KENTUCKY ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021894173		PACIFIC GAS STATION	N KENTUCKY ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1007843303	110020120901	MCPHERSON OIL COMPANY	2125 KINGSTON HIGHWAY		KINGSTON	TN	FINDS
37763	1007571846	TNR000019398	MCPHERSON OIL COMPANY	2125 KINGSTON HIGHWAY		KINGSTON	TN	ICIS, RCRA-NonGen
37763	1026101095	110070670925	THE GROVE CHURCH	2150 KINGSTON HWY		KINGSTON	TN	FINDS
37763	1026029628		THE GROVE CHURCH	2150 KINGSTON HWY		KINGSTON	TN	
37763	S123322113		MIMOSA MOBILE HOME PARK	2715 KINGSTON HIGHWAY		KINGSTON	TN	
37763	U004165853		QUICK CHECK MARKET AND DELI	2804 KINGSTON HIGHWAY		KINGSTON	TN	UST
37763	1022234252		NORMANS QUICK CHECK	2804 KINGSTON HWY		KINGSTON	TN	EDR Historical Auto Stations
37763	U002018368	2-730086	NORMAN'S QUICK CHECK	2804 KINGSTON HWY		KINGSTON	TN	HIST UST, LUST TRUST
37763	S111804189		WARRIORS PATH STATE PARK	KINGSTON	**	KINGSTON	TN	NPDES
37763	94254628			KINGSTON FOSSIL PLANT	**	KINGSTON	TN	ERNS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	1000695967	TND987786845	CUSTOM METAL SERVICE	KINGSTON HWY (HY 70) @ POPLAR SPRII		KINGSTON	TN	CERCLIS-NFRAP, RCRA-NonGen
37763	1020855533		SERVICE TEXACO	500 N KTY ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020053257	2-730199	OLD CAPITOL CLEANERS	1000 LADD LANDING BLVD		KINGSTON	TN	EDR Historical Cleaners
37763	U003805563		FOOD CITY GAS N GO #653	1000 LADD LANDING BLVD.		KINGSTON	TN	HIST UST, AIRS, UST
37763	1020971484		ROANE AUTO CLINIC	1100 LADD LANDING BLVD		KINGSTON	TN	EDR Historical Auto Stations
37763	1020077442	110070250650	ROSSER ENTERPRISES INC	1100 LADD LANDING BLVD		KINGSTON	TN	EDR Historical Cleaners
37763	1024244491		NOAH'S EVENT VENUE	1200 LADD LANDING BLVD, KINGSTON		KINGSTON	TN	FINDS
37763	1024145696		NOAH'S EVENT VENUE	1200 LADD LANDING BLVD, KINGSTON		KINGSTON	TN	
37763	S111811333		PICKEL PARTNERS SELF-STORAGE LAWN	733 LADD LANDING WAY (FORMERLY HIG		KINGSTON	TN	NPDES
37763	1024708209	110070502746	PICKET PLACE SUBDIVISION	LADD LANDING WAY	**	KINGSTON	TN	FINDS
37763	1023702994	110070100131	SITE PREP FOR RESIDENCE	464 LAUREL BLUFF ROAD		KINGSTON	TN	FINDS
37763	1020855484		KENTUCKY STREET EXXON	1074 LAWNVILLE RD		KINGSTON	TN	EDR Historical Auto Stations
37763	1021913684		ROCKY TOP MARKETS LLC	1324 LAWNVILLE RD		KINGSTON	TN	EDR Historical Auto Stations
37763	1020488867		PILOT TRAVEL CENTERS LLC	1452 LAWNVILLE RD		KINGSTON	TN	EDR Historical Auto Stations
37763	S104780872	2730041	FRUITLAND U.S.A.	LAWNVILLE RD AT I-40		KINGSTON	TN	LUST TRUST, LUST
37763	U002100323	2-730146	PAINT ROCK COMMUNITY GROCERY	1387 LOUDON HIGHWAY		KINGSTON	TN	HIST UST, LUST, UST
37763	U004165905		PAINT ROCK GROCERY	1501 LOUDON HIGHWAY	**	KINGSTON	TN	UST
37763	U003611406	2-730193	PAINT ROCK GROCERY	1501 LOUDON HIGHWAY	**	KINGSTON	TN	HIST UST
37763	U002018356	2-730183	BACON'S FARM	244 LOUDON HIGHWAY		KINGSTON	TN	HIST UST, UST
37763	1022931503		MIDWAY HIGH SCHOOL	530 LOUDON HIGHWAY		KINGSTON	TN	
37763	1005498559	110010797263	MIDWAY HIGH SCHOOL	530 LOUDON HIGHWAY		KINGSTON	TN	FINDS
37763	S111797104		ERIC MOORE PROPERTY	676 LOUDON HIGHWAY		KINGSTON	TN	NPDES
37763	U004165886		MIDWAY GROCERY	740 LOUDON HIGHWAY		KINGSTON	TN	LUST, UST
37763	U002018366	2-730155	MIDWAY GROCERY	740 LOUDON HIGHWAY		KINGSTON	TN	HIST UST
37763	1012188540	TNR000027532	BIG SPRINGS FARMS EXCAVATING & TR	861 LOUDON HIGHWAY		KINGSTON	TN	RCRA-NonGen
37763	1012110295	110038912424	BIG SPRINGS FARMS EXCAVATING & TR	861 LOUDON HIGHWAY		KINGSTON	TN	FINDS
37763	1023702945	110070100082	RAMEY FARM BORROW SITE	LOUDON HWY (1.1 MILES EAST OF MIDW)	**	KINGSTON	TN	FINDS
37763	S111795617		COOK PROPERTY	190 MAPLE SHORE LANE		KINGSTON	TN	NPDES
37763	1022219215		SCHAEFERS AUTOMOTIVE SERVICE	1804 OAK HILL RD		KINGSTON	TN	EDR Historical Auto Stations
37763	92125821			OFF I-40 NEAR KINGSTON	**	KINGSTON	TN	ERNS
37763	S110729362			2067 PAINTROCK FERRY RD		KINGSTON	TN	CDL
37763	1026293627	110050847633	WHITESTONE COUNTRY INN-ROSE COTT	1200 PAINT ROCK ROAD		KINGSTON	TN	FINDS
37763	1026299060	110052273650	WHITESTONE COUNTRY INN-KEVIN COW	1200 PAINT ROCK ROAD		KINGSTON	TN	FINDS
37763	1026299062	110052273703	WHITESTONE COUNTRY INN-WELLS	1200 PAINT ROCK ROAD		KINGSTON	TN	FINDS
37763	1026299063	110052273721	LION AND LAMB RESTAURANT-TREATMEI	1200 PAINT ROCK ROAD		KINGSTON	TN	FINDS
37763	S111812172		CHEROKEE MIDDLE SCHOOL	200 PAINT ROCK FERRY ROAD		KINGSTON	TN	NPDES
37763	S113913557			120 PHILLIPS LN		KINGSTON	TN	CDL
37763	1021069564		FREEWAY STATION	1007 E RACE		KINGSTON	TN	EDR Historical Auto Stations
37763	S107460675	2730120	SCOT	1007 E RACE ST KINGSTON		KINGSTON	TN	LUST TRUST, LUST
37763	2013064885			1007 EAST RACE ST		KINGSTON	TN	ERNS
37763	U001909027	2-730120	SCOT MARKET #31	1007 EAST RACE ST.		KINGSTON	TN	HIST UST, UST
37763	1016150482	110055474437	RITE AID #01697	106 WEST RACE STREET		KINGSTON	TN	RCRA-CESQG, FINDS
37763	1020020479		KINGSTON CLEANERS	164 E RACE ST		KINGSTON	TN	EDR Historical Cleaners
37763	S114526230		ROANE COUNTY	200 E. RACE STREET, SUITE 1; PO BOX 64		KINGSTON	TN	NPDES
37763	1020280658		RENFRO BROS SINCLAIR SV STN	205 E RACE ST		KINGSTON	TN	EDR Historical Auto Stations
37763	U003611343	2-730045	KINGSTON 66	205 EAST RACE ST.		KINGSTON	TN	HIST UST
37763	U004165828		KINGSTON 66	205 EAST RACE ST.		KINGSTON	TN	UST
37763	1020570146		THACKER SHELL INC	230 RACE ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	U004165891		ROANE CO. SHERIFF'S DEPT.	300 EAST RACE ST.		KINGSTON	TN	UST
37763	U003611397	2-730163	ROANE CO. SHERIFF'S DEPT.	300 EAST RACE ST.		KINGSTON	TN	HIST UST
37763	1020403500		MUECKE MARINE & TIRE	320 W RACE ST		KINGSTON	TN	EDR Historical Auto Stations
37763	1020910207		COLYERS AUTO PARTS	321 E RACE ST		KINGSTON	TN	EDR Historical Auto Stations
37763	U003611394	2-730156	MUECKE MARINE AND TIRE	520 RACE ST.	**	KINGSTON	TN	HIST UST
37763	U004165887		MUECKE MARINE AND TIRE	520 RACE ST.	**	KINGSTON	TN	UST
37763	1026604816		IMPORT ENTERPRISE	601 E. RACE STREET		KINGSTON	TN	PRP
37763	1020571224		KINGSTON ESSO	620 W RACE		KINGSTON	TN	EDR Historical Auto Stations
37763	S107460638	2730013	# 105	623 E RACE ST		KINGSTON	TN	LUST
37763	1021221426		MCCLURE SERVICE	623 E RACE ST		KINGSTON	TN	EDR Historical Auto Stations



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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37763	U003611327	2-730013	# 105	623 EAST RACE ST.		KINGSTON	TN	HIST UST
37763	U004165808		NO. 105	623 EAST RACE ST.		KINGSTON	TN	UST
37763	1020373900		UNION 76 HILLTOP STATION	872 E RACE ST		KINGSTON	TN	EDR Historical Auto Stations
37763	S107460646	2730028	CONVENIENT FOOD MART #477	923 E RACE RD		KINGSTON	TN	LUST
37763	U002100273	2-730028	DAIRY MART #477 (100733)	923 EAST RACE ROAD		KINGSTON	TN	HIST UST
37763	U004165820		DAIRY MART #477 (100733)	923 EAST RACE ROAD		KINGSTON	TN	UST
37763	1021030604		R & W GROCERY INC	923 EAST RACE ST		KINGSTON	TN	EDR Historical Auto Stations
37763	U004184301		HIAWASSEE LAND CO DISTRICT	930 WEST RACE ST.		KINGSTON	TN	HIST UST
37763	U004309772		HIAWASSEE LAND CO DISTRICT	930 WEST RACE ST.		KINGSTON	TN	UST
37763	1021209716		SCHAEFERS AUTOMOTIVE SERVICE	935 E RACE ST		KINGSTON	TN	EDR Historical Auto Stations
37763	U002018370	2-730173	LEHIGH GAS WHOLESALE SERVICES, INC	935 EAST RACE STREET		KINGSTON	TN	HIST UST, AIRS, UST
37763	1020165309		TIGER SERVICE CENTER	E RACE ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021062083		NORMANS PHILLIPS 66	RACE & HWY 58	**	KINGSTON	TN	EDR Historical Auto Stations
37763	U003611326	2-730012	# 104	RACE AND KENTUCKY ST.	**	KINGSTON	TN	HIST UST
37763	U004165807		NO. 104	RACE AND KENTUCKY ST.	**	KINGSTON	TN	UST
37763	U004184311		TARTAN OIL # 104	RACE AND KENTUCKY ST.	**	KINGSTON	TN	UST
37763	U003611382	2-730128	TARTAN OIL # 104	RACE AND KENTUCKY ST.	**	KINGSTON	TN	HIST UST
37763	S107460637	2730012	# 104	RACE AND KENTUCKY STS	**	KINGSTON	TN	LUST
37763	1022157290		NORMANS PHILLIPS 66	RACE ST & HWY 58	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1021687599		NORMANS PHILLIPS 66	RACE ST & HWY 58	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1026130445		CITY OF KINGSTON DIKE SLOPE IMPROV/	WEST RACE STREET	**	KINGSTON	TN	
37763	1026402855	110070709353	CITY OF KINGSTON DIKE SLOPE IMPROV/	WEST RACE STREET	**	KINGSTON	TN	FINDS
37763	1024369851	110070272076	MARTIN METAL SERVICES	311 RAY ST.		KINGSTON	TN	FINDS
37763	U003158685	2-730158	MOM AND POPS MARKET	1073 RIVER ROAD		KINGSTON	TN	HIST UST, LUST, UST
37763	S111792835		JAMES MOSELEY PROPERTY	662 RIVER RD.		KINGSTON	TN	NPDES
37763	1016242606	110007864329	COAL ENERGY, INC. (LOWE, JAMES A.)	RIVER ROAD	**	KINGSTON	TN	FINDS
37763	1000917734	TND071530679	COAL ENERGY, INC. (LOWE, JAMES A.)	RIVER ROAD	**	KINGSTON	TN	RCRA-NonGen
37763	S121289837		SR-304 / RIVER ROAD - 6-INCH PIPELINE F	RIVER ROAD AND SR-304	**	KINGSTON	TN	NPDES
37763	S107460685	2730163	ROANE CO. SHERIFF'S DEPT.	100 ROANE ST.		KINGSTON	TN	LUST
37763	S111812180		ROCKWOOD HIGH SCHOOL AND MIDDLE	512 WEST ROCKWOOD STREET		ROCKWOOD	TN	NPDES
37763	2012107094		628 Gallaheer Road	628 Gallaheer Road		KINGSTON	TN	HMIRS
37763	1020632843		HILLTOP GROCERY	U S HWY 58	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020769805		KINGSTON ESSO	U S HWY 70	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020452739		PICKELLS WHITE COTTAGE	U S HWY 70 E	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1020596501		PICKELLS WHITE COTTAGE	U S HWY 70 E	**	KINGSTON	TN	EDR Historical Auto Stations
37763	1022962694		COMMUNICATION INSTALL LINE-AT&T PO	SHEPERD'S REST SUBDIVISION	**	KINGSTON	TN	
37763	1025808363	110069996211	COMMUNICATION INSTALL LINE-AT&T PO	SHEPERD'S REST SUBDIVISION	**	KINGSTON	TN	FINDS
37763	S111811151		ROANE COUNTY SHERIFF'S OFFICE ANI	EAST SIDE OF THIRD STREET AT LOVELLI	**	KINGSTON	TN	NPDES
37763	1020749665		ROCKY TOP MARKETS LLC	101 1ST ST	**	KINGSTON	TN	EDR Historical Auto Stations
37763	S111825019		TVA KINGSTON - LOUDON TN 161-KV DEL	START: HIGH STREET; FINISH: 1700 OAK I	**	KINGSTON	TN	NPDES
37763	1014837429	110042081966	V.H.P. ENTERPRISES INC.	STATE ROUTE 95 OVER CLINCH RIV	**	KINGSTON	TN	FINDS
37763	1022960818	110069994316	STATE ROUTE 66 - FILL LOCATION	STATE RT. 66 ACROSS FROM BURGER KI	**	SEVIERVILLE	TN	FINDS
37763	U001909047	2-730129	TARTAN OIL # 106	STEAM PLANT ROAD	**	KINGSTON	TN	HIST UST, LUST TRUST, LUST
37763	U004184312		TARTAN OIL # 106	STEAM PLANT ROAD	**	KINGSTON	TN	UST
37763	1026299948	110052318595	LEWANDS WATER SYSTEM-WELLS 1 & 2	117 STILES LANE		KINGSTON	TN	FINDS
37763	1018952556		ROANE DRY CLEANING	100 STINNETT ST		KINGSTON	TN	EDR Historical Cleaners
37763	1014837584	110043470856	CALVARY BAPTIST SCHOOL	900 STURGES STREET		KINGSTON	TN	ICIS, FINDS
37763	1011840163		TVA - KINGSTON FOSSIL PLANT	714 SWAN POND ROAD		KINGSTON	TN	RMP
37763	1026563163		KINGSTON	SWAN POND RD. PO BOX 2000	**	KINGSTON	TN	COAL ASH DOE
37763	1000917409	TND066714718	HANSCRAFT MFG CO	SYLVAN SHORES	**	KINGSTON	TN	RCRA-NonGen
37763	1016242477	110007862857	HANSCRAFT MFG CO	SYLVAN SHORES	**	KINGSTON	TN	FINDS
37763	U002100294	2-730077	SERVICE TEXACO	UNKNOWN	**	KINGSTON	TN	HIST UST, LUST TRUST
37763	U004184307		SERVICE TEXACO	UNKNOWN	**	KINGSTON	TN	UST
37763	S115811577			528 WALNUT GROVE RD		KINGSTON	TN	CDL
37763	S111812532		PROPERTY OF JAMES GARY & TIMOTHY I	WARREN LANE	**	KINGSTON	TN	NPDES
37763	1022965798	110052318498	KINGSTON WATER SYSTEM-TN RI/WATTS	900 WATERFORD PLACE		KINGSTON	TN	FINDS
37763	1025921930		MOUNTAIN ALPINE COASTER PARKING L	867 WEARS VALLEY ROAD	**	GATLINBURG	TN	
37763	1025990720	110070603912	MOUNTAIN ALPINE COASTER PARKING L	867 WEARS VALLEY ROAD	**	GATLINBURG	TN	FINDS

# EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1009738750	110027740871	PENNSYLVANIA BOOSTER STATION		**	OAK RIDGE	TN	FINDS
37830	1009663953	110027662777	REEDER PONTIAC-BUICK CO.		**	OAK RIDGE	TN	FINDS
37830	1009669368	110027703803	OAK RIDGE SCHOOLS		**	OAK RIDGE	TN	FINDS
37830	1009791768	110027785877	BOOSTER STATION		**	OAK RIDGE	TN	FINDS
37830	1009661117	110027653368	DEAN STALLINGS FORD		**	OAK RIDGE	TN	FINDS
37830	1009767378	110027749186	PARCEL 412		**	OAK RIDGE	TN	FINDS
37830	1009666692	110027625595	WHEELER TEXACO		**	OAK RIDGE	TN	FINDS
37830	1009789128	110027787553	AZTEX # 28		**	OAK RIDGE	TN	FINDS
37830	1009693227	110027718888	E G AND G INSTRUMENTS		**	OAK RIDGE	TN	FINDS
37830	1022878754		TYREE NO 1 STRIP		**		TN	
37830	1009663825	110027621367	FORMER DIRECT OIL		**	OAK RIDGE	TN	FINDS
37830	1009656712	110027610850	CHUCKS TURNPIKE GULF		**	OAK RIDGE	TN	FINDS
37830	1025730526		UNION CARBIDE/ OAK RIDGE, TN.		**	OAK RIDGE	TN	
37830	1009791770	110027785886	BOOSTER STATION		**	OAK RIDGE	TN	FINDS
37830	1009783493	110027755935	BST OAK RIDGE CENTRAL OFFICE #8158		**	OAK RIDGE	TN	FINDS
37830	1009665941	110027697357	ROCKY TOP MARKET #21		**	OAK RIDGE	TN	FINDS
37830	1009658216	110027632916	CENTRAL SERVICES COMPLEX		**	OAK RIDGE	TN	FINDS
37830	1009662095	110027645403	M AND S QUIK MART		**	OAK RIDGE	TN	FINDS
37830	1009677600	110027725415	FREE SERVICE TIRE CO #714		**	OAK RIDGE	TN	FINDS
37830	1009693508	110027747543	BROWNING-FERRIS IND.		**	OAK RIDGE	TN	FINDS
37830	1009695481	110027724229	TINDELL HOME CENTER		**	OAK RIDGE	TN	FINDS
37830	1009692880	110027735495	KNOXVILLE INTERNATIONAL		**	OAK RIDGE	TN	FINDS
37830	1009698913	110027696786	KMART #7128		**	OAK RIDGE	TN	FINDS
37830	1009767848	110027737466	SOUTH CENTRAL OKRGTNMA		**	OAK RIDGE	TN	FINDS
37830	1022878799		NO 2 SURFACE		**		TN	
37830	1009696807	110027620368	THE PANTRY		**	OAK RIDGE	TN	FINDS
37830	1009658997	110027640872	WASTE WATER TREATMENT PLANT		**	OAK RIDGE	TN	FINDS
37830	1009740082	110027722409	MR. ZIP STORE # 540		**	OAK RIDGE	TN	FINDS
37830	1009671259	110027728163	WOODLAND ENTERPRISE		**	OAK RIDGE	TN	FINDS
37830	1009692912	110027745821	ARROW GAS AND OIL CO., INC.		**	OAK RIDGE	TN	FINDS
37830	1009653728	110027611038	FIRESTONE STORE PARCEL #707		**	OAK RIDGE	TN	FINDS
37830	1025531876		RALPH RODGERS AND CO. QUARRY - OA		**	OAK RIDGE	TN	
37830	1009668692	110027691157	MELTON HILL MARINA, LLC		**	OAK RIDGE	TN	FINDS
37830	1009656363	110027614080	GROVE MARKET		**	OAK RIDGE	TN	FINDS
37830	1022878078		NO 1 PREP PLANT		**		TN	
37830	1009669361	110027703652	OAK RIDGE CHRY-PLYMOUTH-DODGE		**	OAK RIDGE	TN	FINDS
37830	1009668184	110027701878	NHC OAK RIDGE		**	OAK RIDGE	TN	FINDS
37830	1022878008		NO 1 SURFACE MINE		**		TN	
37830	1009669363	110027703670	OAK RIDGE MARINA		**	OAK RIDGE	TN	FINDS
37830	1009766741	110027744895	MINIT CHECK		**	OAK RIDGE	TN	FINDS
37830	1009700381	110027625498	LOUISIANA AVE. TANK WATER BOOSTER		**	OAK RIDGE	TN	FINDS
37830	1009666034	110027707097	JACKSON PLAZA OFFICE BLDG.		**	OAK RIDGE	TN	FINDS
37830	1009665952	110027697543	ROCKY TOP MARKET #3		**	OAK RIDGE	TN	FINDS
37830	1009774030	110027766415	ROGERS GROUP INC.		**	OAK RIDGE	TN	FINDS
37830	1009786643	110027758399	ORCHARD LANE WATER BOOSTER STAT		**	OAK RIDGE	TN	FINDS
37830	1022878563		NO 3 MINE		**		TN	
37830	1009660879	110027653992	TENNESSEE OIL AND LUBE		**	OAK RIDGE	TN	FINDS
37830	1009656793	110027609602	SOLWAY TEXACO		**	OAK RIDGE	TN	FINDS
37830	1022878230		NO 5 MINE		**		TN	
37830	1009669367	110027703787	OAK RIDGE POST OFFICE		**	OAK RIDGE	TN	FINDS
37830	1009767847	110027737439	SOUTH CENTRAL OKRGTNED		**	OAK RIDGE	TN	FINDS
37830	1009669369	110027703849	OAK RIDGE SCHOOLS		**	OAK RIDGE	TN	FINDS
37830	1009773696	110027713197	EDDIE HAIR FIRESTONE #707		**	OAK RIDGE	TN	FINDS
37830	1022851753		NO 1 SURFACE		**		KY	
37830	1009669737	110027740470	ZOOMERZ # 56		**	OAK RIDGE	TN	FINDS
37830	1022878332		WRIGHT NO 1 MINE		**		TN	
37830	1009666670	110027625023	WEIGEL S #36		**	OAK RIDGE	TN	FINDS
37830	1009772795	110027761697	ROCKY TOP MARKET #5		**	OAK RIDGE	TN	FINDS
37830	1022878089		CUMMINS-HALL TIPPLE		**		TN	
37830	1009653862	110027606730	KWIK STOP FOOD MART		**	OAK RIDGE	TN	FINDS
37830	1009696400	110027650352	KENJO #37		**	OAK RIDGE	TN	FINDS
37830	1025748681		OAK RIDGE OCCURENCE		**	OAK RIDGE	TN	
37830	1009666581	110027709193	NICKY S TIRE WAREHOUSE		**	OAK RIDGE	TN	FINDS
37830	1009770221	110027738660	DANIEL ARTHUR SPECIAL SCHOOL		**	OAK RIDGE	TN	FINDS
37830	1009655821	110027617568	SMOKEY MOUNTAIN MARKET #61		**	OAK RIDGE	TN	FINDS
37830	1009692328	110027662143	J AND P (#59)		**	OAK RIDGE	TN	FINDS
37830	1009657696	110027693360	TURNPIKE BUILDING		**	OAK RIDGE	TN	FINDS
37830	1009772796	110027761713	ROCKY TOP MARKET #6		**	OAK RIDGE	TN	FINDS
37830	1025659649		OAK RIDGE QUARRY		**	OAK RIDGE	TN	
37830	1009653947	110027608417	J C PENNY CO		**	OAK RIDGE	TN	FINDS
37830	1009657697	110027693404	TURNPIKE EXXON STATION #50904		**	OAK RIDGE	TN	FINDS

## EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1009695724	110027634647	THE CIRCLE K CORP		**	OAK RIDGE	TN	FINDS
37830	1009659529	110027645163	GAS PLUS ARROW OIL		**	OAK RIDGE	TN	FINDS
37830	1009693392	110027732005	TARTAN OIL #102		**	OAK RIDGE	TN	FINDS
37830	1000917114	TND063191068	BY DESIGN INC	(PRESIDENT) CARL S. WHILLOCK 5	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016242337	110007861153	BY DESIGN INC	(PRESIDENT) CARL S. WHILLOCK 5	**	OAK RIDGE	TN	FINDS
37830	1000279350	TND000616128	EAGLE-PICHER IND., INC. ENERGY PROD	.0000 .0000	**	OAK RIDGE	TN	RCRA-NonGen
37830	1000916392	TND049472210	RIDGE PRINTING CO	O N O Y	**	OAK RIDGE	TN	RCRA-NonGen
37830	S114524382		EAST TENNESSEE NATURAL GAS	4958B HIGHWAY 11 SOUTH	**	CALHOUN	TN	AIRS, NPDES
37830	9172606			Y 12 WEAPONS PLANT	**	OAK RIDGE	TN	ERNS
37830	1016256957	110008124449	BUTLERY DRY CLNRS #1	1990	**	OAK RIDGE	TN	FINDS
37830	1000281304	TND982141533	BUTLERY DRY CLNRS #1	1990	**	OAK RIDGE	TN	RCRA-NonGen
37830	1024041002	110070101242	MATERIALS & ENERGY CORPORATION	2010 HWY 56, SUITE 1020	**	OAK RIDGE	TN	FINDS
37830	S123407645		EAST TENNESSEE TECHNOLOGY PARK	2010 HIGHWAY 58	**	OAK RIDGE	TN	LUST
37830	2016017112		2010 HWY 58 BUILDING K 1036	2010 HWY 58 BUILDING K 1036	**	OAK RIDGE	TN	HMIRS
37830	1014401399	TNR000029090	HERITAGE RAILROAD	2010 HWY 58 NORTH, BUILDING K-792	**	OAK RIDGE	TN	RCRA-NonGen
37830	1012219832	110040522137	HERITAGE RAILROAD	2010 HWY 58 NORTH, BUILDING K-792	**	OAK RIDGE	TN	FINDS
37830	U002018379	0-730088	EAST TENNESSEE TECHNOLOGY PARK	HIGHWAY 58	**	OAK RIDGE	TN	HIST UST, UST
37830	98422721			HIGHWAY 58	**	OAKRIDGE	TN	ERNS
37830	1026417327	110070734672	U.S. DOE, EAST TENNESSEE TECHNOLO	HIGHWAY 58 & BLAIR ROAD	**	OAK RIDGE	TN	FINDS
37830	1000883011	TN0890090004	U.S. DOE, EAST TENNESSEE TECHNOLO	HIGHWAY 58 & BLAIR ROAD	12, ENE, 1/2 - 1	OAK RIDGE	TN	CORRACTS, PADS, RCRAInfo-LQG, RCRAInfo-TSDF
37830	1016146884	110002471094	US DOE EAST TENNESSEE TECHNOLOGY	RT 58 & BLAIR RD	9, NW, 1/2 - 1	OAK RIDGE	TN	FINDS
37830	1004782783	TNR000007294	MATERIALS & CHEMISTRY LABORATORY	2010 HIGHWAY 58, ETPP BUILDING K-1006	**	OAK RIDGE	TN	RCRA-CESQG
37830	1016982949	110008134072	MATERIALS & CHEMISTRY LABORATORY	2010 HIGHWAY 58, ETPP BUILDING K-1006	**	OAK RIDGE	TN	FINDS
37830	1001229899	TNR000005397	EAST TENNESSEE MATERIALS & ENER	2010 HIGHWAY 58, SUITE 1020	6, NNW, 1/4 - 1/2	OAK RIDGE	TN	CORRACTS, PADS, RCRAInfo-LQG, RCRAInfo-TSDF
37830	1026425764	110070755040	EAST TENNESSEE MATERIALS & ENER	2010 HIGHWAY 58, SUITE 1020	**	OAK RIDGE	TN	FINDS
37830	1019886995		EAST TENNESSEE MATERIALS & ENER	2010 HIGHWAY 58, SUITE 1020	**	OAK RIDGE	TN	FINDS
37830	1019913464		EAST TENNESSEE MATERIALS & ENER	2010 HIGHWAY 58, SUITE 1020	**	OAK RIDGE	TN	ICIS
37830	1016135523	110037444959	PERFORMANCE DEVELOPMENT CORPOF	2010 HIGHWAY 58, SUITE 1105	**	OAK RIDGE	TN	FINDS
37830	1011863792	TNR000013441	PERFORMANCE DEVELOPMENT CORPOF	2010 HIGHWAY 58, SUITE 1105	7, SW, 1/4 - 1/2	OAK RIDGE	TN	RCRA-NonGen
37830	1009517653		M&E	2010 HWY 58, BLDG K1005, ETPP	**	OAK RIDGE	TN	FTTS
37830	1023542376	110069994194	MATERIALS AND ENERGY CORP (M&E)	2010 HWY 58, SUITE 102	**	OAK RIDGE	TN	FINDS
37830	1023636191	110070044907	EAST TENNESSEE MATERIALS AND ENEF	2010 HWY 58, SUITE 102	**	OAK RIDGE	TN	FINDS
37830	S104781090	3060164	GOLDEN GALLON #223	HWY 64 @ DURKEE ROAD	**	CLEVELAND	TN	LUST TRUST
37830	9014736			HWY 90	**	OAKRIDGE	TN	ERNS
37830	9013503			ACH & B SURVEY	**	OAKRIDGE	TN	ERNS
37830	U004184017		KNOXVILLE INTERNATIONAL	100 AGRONDMY LANE	**	OAK RIDGE	TN	HIST UST
37830	U004309651		KNOXVILLE INTERNATIONAL	100 AGRONDMY LANE	**	OAK RIDGE	TN	UST
37830	1026404194	110070710753	VACUUM TECHNOLOGY	1003 ALVIN WEINBURG DRIVE	**	OAK RIDGE	TN	FINDS
37830	1026155838		VACUUM TECHNOLOGY	1003 ALVIN WEINBURG DRIVE	**	OAK RIDGE	TN	FINDS
37830	1005507153	110001862333	NUCLEAR LEAD COMPANY, INC.	1007 ALVIN WEINBERG DRIVE	**	OAK RIDGE	TN	FINDS
37830	S108322994	200600-2939	NUCLEAR LEAD COMPANY, INC.	1007 ALVIN WEINBERG DRIVE	**	OAK RIDGE	TN	AIRS, NPDES, SPILLS
37830	1017761842		INTRASPEC, INC.	1008 ALVIN WEINBERG DRIVE	**	OAK RIDGE	TN	FINDS
37830	1017780650	110063758679	INTRASPEC, INC.	1008 ALVIN WEINBERG DRIVE	**	OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	S111804012		ORDELA INC	1009 ALVIN WEINBERG DR	**	OAK RIDGE	TN	NPDES
37830	1024409802	110070325907	TTE CASTING TECHNOLOGIES INC	1017 ALVIN WEINBERG DRIVE	**	OAK RIDGE	TN	FINDS
37830	1001014199	TN0001017680	WASTECH INC.	1021-D ALVIN WEINBERG DR	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016203617	110004953649	WASTECH INC.	1021-D ALVIN WEINBERG DR	**	OAK RIDGE	TN	FINDS
37830	S126403063		PROTOMET CORPORATION	1010 AND 1020 LARSON DRIVE	**	OAK RIDGE	TN	NPDES
37830	S111805826		EAST TENNESSEE NATURAL GAS COMP	ANDERSON COUNTY	**	OAK RIDGE	TN	NPDES
37830	S111824187		TVA/FORT LOUDON-ELIZA LOOP INTO SN	APPROXIMATELY 2000' NORTH OF THE A	**	OAK RIDGE	TN	NPDES
37830	1024447039	110070372826	7130 - RESEARCH OPERATIONS SUPPOR	7000 AREA OF THE OAK RIDGE NATIONAL	**	OAK RIDGE	TN	FINDS
37830	1020635033		ROCKY TOP MARKET INC	12 ARKANSAS AVE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002098970	2-010083	IAN'S MARKET NO. 32	12 ARKANSAS AVENUE	**	OAK RIDGE	TN	HIST UST, LUST TRUST,
37830	1022067977		BARAKAT BUSINESS LLC	98 ARKANSAS AVE	**	OAK RIDGE	TN	AIRS, LUST, UST
37830	U002012179	2-010114	KWIK STOP	98 ARKANSAS AVENUE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021858338		OAK RIDGE CHEVRON	141 ARROWOOD RD W	**	OAK RIDGE	TN	HIST UST, LUST TRUST, LUST, UST
37830	1022289979	110070000884	PROJECT #73017-4223-04 PIN #118495.00	SR-95 AT LM 4.19	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	U003609878	2-010064	OAK RIDGE SCHOOLS	125 AUDOBON ROAD	**	OAK RIDGE	TN	FINDS
37830	U004164106		OAK RIDGE SCHOOLS	125 AUDOBON ROAD	**	OAK RIDGE	TN	HIST UST
37830	1000922115	110004981967	THE UNIVERSITY OF TENNESSEE MARMC	110 BADGER AVENUE	**	OAK RIDGE	TN	UST
37830	1007120602	110016620290	U.S. DOE, CENTRAL TRAINING FACILITY	1200 BEAR CREEK ROAD	**	OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000883641	110002455753	QUANTERRA INCORPORATED OAK RIDGE	1550 BEAR CREEK ROAD	**	OAKRIDGE	TN	FINDS
37830	S107858755		ENERGYSOLUTIONS SERVICES, INC. DBA	1556 BEAR CREEK ROAD	**	OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	2010938679			1560 BEAR CREEK RD	**	OAK RIDGE	TN	AIRS, NPDES
37830					**	OAK RIDGE	TN	ERNS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1016146881	37830DRTKB15	ENERGYSOLUTIONS BEAR CREEK FACILI	1560 BEAR CREEK RD		OAK RIDGE	TN	TRIS
37830	S121926871		DURATEK SERVICES INC.	1560 BEAR CREEK RD		OAK RIDGE	TN	AIRS
37830	9189430			1560 BEAR CREEK RD		OAKRIDGE	TN	ERNS
37830	2010107745		1560 BEAR CREEK RD.	1560 BEAR CREEK RD.		OAK RIDGE	TN	HMIRS
37830	S110360854		ENERGYSOLUTIONS - BEAR CREEK FACI	1560 BEAR CREEK ROAD		OAK RIDGE	TN	AIRS, NPDES, SPILLS
37830	1007276130		DURATEK INC.	1560 BEAR CREEK ROAD		OAK RIDGE	TN	FTTS
37830	1026160864		EUROFINS TESTAMERICA KNOXVILLE	1560 BEAR CREEK ROAD	**	OAK RIDGE	TN	
37830	1000131154	TND982157570	ENERGY SOLUTIONS, INC	1560 BEAR CREEK ROAD		OAK RIDGE	TN	CORRACTS, PADS, US INST CONTROL, ICIS, RCRAInfo-LQG, RCRAInfo-TSDF
37830	1026423533	110070748242	ENERGY SOLUTIONS, INC	1560 BEAR CREEK ROAD	**	OAK RIDGE	TN	FINDS
37830	1016046728	110054863527	HITTMAN TRANSPORT SERVICES INC.	1560B BEAR CREEK RD		OAK RIDGE	TN	FINDS
37830	1023683152	TNR000034686	HITTMAN TRANSPORT SERVICES INC.	1560B BEAR CREEK RD	16, South, 1 - 2	OAK RIDGE	TN	PADS, RCRA-NonGen
37830	1000883552	TND981933120	IT ENVIRONMENTAL TECH DEV CTR	1570 BEAR CREEK RD	13, SSE, 1 - 2	OAK RIDGE	TN	PADS, RCRA-NonGen
37830	1010005526		INTERNATIONAL TECHNOLOGY CORP.	1570 BEAR CREEK ROAD		OAK RIDGE	TN	FTTS
37830	1008182510		INTERNATIONAL TECHNOLOGY CORP.	1570 BEAR CREEK ROAD		OAK RIDGE	TN	
37830	1016127735	110009491086	SHAW ENVIRONMENTAL INC.	1570 BEAR CREEK ROAD		OAK RIDGE	TN	FINDS
37830	S111794313		Y-12 STEAM PLANT REPLACEMENT	301 BEAR CREEK ROAD	**	OAK RIDGE	TN	NPDES
37830	S111811648		Y-12 STEAM PLANT REPLACEMENT	301 BEAR CREEK ROAD	**	OAK RIDGE	TN	NPDES
37830	S125158883		US DEPARTMENT OF ENERGY - OAK RIDG	301 BEAR CREEK ROAD PO BOX 2009, MS	**	OAK RIDGE	TN	AIRS, NPDES
37830	92147141			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94265037			BEAR CREEK RD	**	OAK RIDGE	TN	ERNS
37830	92107004			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	93160237			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	92147402			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	93203624			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	95275389			BEAR CREEK RD	**	OAK RIDGE	TN	ERNS
37830	92145828			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94245704			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94245262			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94250815			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	93211158			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	9046406			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	9167845			BEAR CREEK RD	**	OAK RIDGE	TN	ERNS
37830	94235416			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	95280210			BEAR CREEK RD	**	OAK RIDGE	TN	ERNS
37830	93199699			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94249040			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	95276915			BEAR CREEK RD	**	OAK RIDGE	TN	ERNS
37830	94224504			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94259372			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94235579			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94219092			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	1005498614	110009788694	OAK RIDGE - CLINCH RIVER STP	BEAR CREEK RD	**	OAK RIDGE	TN	FINDS
37830	94249000			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94245235			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	93168407			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	94234836			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	93213139			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	1016146882	37831SDKRDBE	NNSA Y-12 NATIONAL SECURITY COMPLE	BEAR CREEK RD	**	OAK RIDGE	TN	TRIS
37830	94253050			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	9182729			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	93194758			BEAR CREEK RD	**	OAKRIDGE	TN	ERNS
37830	1013789977			BEAR CREEK RD.	**	OAK RIDGE	TN	
37830	1018312972	110064624731	USDOE-OAK RIDGE Y12 PLT	BEAR CREEK RD.	**	OAK RIDGE	TN	ICIS, FINDS
37830	S120975187		OAK RIDGE - CLINCH RIVER INDUSTRIAL	BEAR CREEK ROAD	**	OAK RIDGE	TN	NPDES
37830	1011833366		OAK RIDGE WATER TREATMENT PLANT	BEAR CREEK ROAD	**	OAK RIDGE	TN	RMP
37830	1016171210		OAK RIDGE WATER TREATMENT PLANT	BEAR CREEK ROAD	**	OAK RIDGE	TN	RMP
37830	1017431142	110000720569	OAK RIDGE WATER TREATMENT PLANT	BEAR CREEK ROAD	**	OAK RIDGE	TN	FINDS
37830	2008880993			BEAR CREEK ROAD	**	OAK RIDGE	TN	ERNS
37830	1016242082	110007858167	U S NUCLEAR INC	BEAR CREEK ROAD	**	OAK RIDGE	TN	FINDS
37830	S120975355		OAK RIDGE - CLINCH RIVER INDUSTRIAL	BEAR CREEK ROAD	**	OAK RIDGE	TN	NPDES
37830	1024039717	110070706237	BEAR CREEK ROAD POWER INSTALLATIC	BEAR CREEK ROAD	**	OAK RIDGE	TN	FINDS
37830	1026127119		BEAR CREEK ROAD POWER INSTALLATIC	BEAR CREEK ROAD	**	OAK RIDGE	TN	
37830	1011822741		EAST TENNESSEE MECHANICAL CONTRA	BEAR CREEK ROAD	**	OAK RIDGE	TN	RMP
37830	1000916621	TND053986923	U S NUCLEAR INC	BEAR CREEK ROAD	**	OAK RIDGE	TN	RCRA-NonGen
37830	1007563410		MARTIN MARIETTA ENERGY SYSTEMS	BEARCREEK AND SCARBORO ROADS	**	OAK RIDGE	TN	FTTS
37830	9192230			BEARCREEK ROAD	**	OAKRIDGE	TN	ERNS
37830	1026145770		NOBLE METALS SITE GRADING	351 BELGRADE RD	**	OAKRIDGE	TN	
37830	1026397599	110070703877	NOBLE METALS SITE GRADING	351 BELGRADE RD	**	OAKRIDGE	TN	FINDS
37830	S114565413		NOBLE METALS, INC	401 BELGRADE RD.	**	OAK RIDGE	TN	

## EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1016146883	37831SDKRD BE	US DOE OAK RIDGE NATIONAL LABORATORY	1 BETHEL VALLEY RD		OAK RIDGE	TN	TRIS
37830	S111812618		US DEPARTMENT OF ENERGY OFFICE OF	1 BETHEL VALLEY ROAD		OAK RIDGE	TN	NPDES
37830	S111824534		US DEPARTMENT OF ENERGY OFFICE OF	1 BETHEL VALLEY ROAD		OAK RIDGE	TN	NPDES
37830	S111811343		US DEPARTMENT OF ENERGY OFFICE OF	1 BETHEL VALLEY ROAD		OAK RIDGE	TN	AIRS, NPDES
37830	1016183849	110002040201	US DEPARTMENT OF ENERGY, OAK RIDGE	1 BETHEL VALLEY ROAD		OAK RIDGE	TN	ICIS, RADINFO, FINDS
37830	U002097734	0-010072	DEPARTMENT OF ENERGY OFFICE OF SC	1299 BETHEL VALLEY ROAD		OAK RIDGE	TN	HIST UST, NPDES
37830	1024707819	110070502356	DEPARTMENT OF ENERGY OFFICE OF SC	1299 BETHEL VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	1000883020	TN2890090002	U.S. DOE, ORAU SCARBORO FACILITY	1299 BETHEL VALLEY ROAD		OAK RIDGE	TN	RCRA-CESQG
37830	S114526215		TVA - BETHEL VALLEY SUBSTATION	980 BETHEL VALLEY ROAD		OAK RIDGE	TN	NPDES
37830	S111812373		COMMUNICATION LINE INSTALL - AT&T PI	BETHEL ROAD	**	OAK RIDGE	TN	NPDES
37830	92130778			BETHEL VALLEY RD	**	OAKRIDGE	TN	ERNS
37830	92139072			BETHEL VALLEY RD	**	OAKRIDGE	TN	ERNS
37830	92110927			BETHEL VALLEY RD	**	OAKRIDGE	TN	ERNS
37830	92145712			BETHEL VALLEY RD	**	OAKRIDGE	TN	ERNS
37830	94231178			BETHEL VALLEY ROAD	**	OAKRIDGE	TN	ERNS
37830	93177682			BETHEL VALLEY ROAD	**	OAKRIDGE	TN	ERNS
37830	93192324			BETHEL VALLEY ROAD	**	OAKRIDGE	TN	ERNS
37830	93177907			BETHEL VALLEY ROAD	**	OAKRIDGE	TN	ERNS
37830	1000883018	TN1890090003	OAK RIDGE RESERVATION (USDOE)	BETHEL VALLEY ROAD		OAK RIDGE	TN	CORRACTS, PADS, CERCLIS, US ENG CONTROLS, US INST CONTROL, NPL, ROD, PRP
37830	1026396818	110070696718	TN ROANE MP 2.00 TO 2.394 HYDROSTAT	BLAIR ROAD	**	OAK RIDGE	TN	FINDS
37830	1026123529		TN ROANE MP 2.00 TO 2.394 HYDROSTAT	BLAIR ROAD	**	OAK RIDGE	TN	FINDS
37830	1004782893	TNR0000092528	DIVERSIFIED ENVIRONMENTAL SERVICE	BLD K-1220	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016257633	110008134394	DIVERSIFIED ENVIRONMENTAL SERVICE	BLD K-1220	**	OAK RIDGE	TN	FINDS
37830	1026280368	110050298673	CLARK CENTER OFFICE SYSTEM-CLINCH	BLDG 1916 T-2, BRISBANE RD	**	OAK RIDGE	TN	FINDS
37830	1026280374	110050298735	CLARK CENTER BATH HOUSE-CLINCH RI	BLDG 1916 T-2, BRISBANE RD	**	OAK RIDGE	TN	FINDS
37830	1016130553	110000373042	BOEING OAK RIDGE COMPANY	767 BOEING RD.	**	OAK RIDGE	TN	FINDS
37830	1016257324	110008130352	OAK RIDGE	P.O. BOX 1	**	OAK RIDGE	TN	FINDS
37830	1026635905		SCIENTIFIC ECOLOGY GROUP	P.O. BOX 2530 1560 BEAR CREEK RD	**	OAK RIDGE	TN	PRP
37830	1000919135	TND990653776	OAK RIDGE INDUSTRIES, INCORPORATEI	PO BOX 161	**	OAK RIDGE	TN	RCRA-NonGen
37830	1022966012	110052810641	DEPT OF ENERGY, ETMC-CLINCH RIVER	PO BOX 2001	**	OAK RIDGE	TN	FINDS
37830	1000919505	TND990756413	CONTINENTAL TOOL & ENGRG INC	PO BOX 290	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016257501	110008132190	CONTINENTAL TOOL & ENGRG INC	PO BOX 290	**	OAK RIDGE	TN	FINDS
37830	1000919323	TND990656282	TEX-SON MACHINE WORKS CORP	PO BOX 3266	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016257411	110008131262	TEX-SON MACHINE WORKS CORP	PO BOX 3266	**	OAK RIDGE	TN	FINDS
37830	1000918814	TND990649287	CONTINENTAL COATINGS INC	PO BOX 3381	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016257174	110008128775	CONTINENTAL COATINGS INC	PO BOX 3381	**	OAK RIDGE	TN	FINDS
37830	1016241852	110007855231	PIC-AIR INC	PO BOX 367	**	OAK RIDGE	TN	FINDS
37830	1000916207	TND044202737	PIC-AIR INC	PO BOX 367	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016257142	110008128445	AUTOMATED INDUSTRIES INC	PO BOX 403	**	OAK RIDGE	TN	FINDS
37830	1000918754	TND990647810	AUTOMATED INDUSTRIES INC	PO BOX 403	**	OAK RIDGE	TN	RCRA-NonGen
37830	1000917388	TND066709627	OAK RIDGE MACHINES	PO BOX 443	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016242468	110007862722	OAK RIDGE MACHINES	PO BOX 443	**	OAK RIDGE	TN	FINDS
37830	1000915011	TND003384997	OAK RIDGE TOOL-ENGINEERING, INC.	PO BOX 506	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016241315	110007848026	OAK RIDGE TOOL-ENGINEERING, INC.	PO BOX 506	**	OAK RIDGE	TN	FINDS
37830	1016242851	110007867111	OAK RIDGE HOSP UNTD METHDT CHR	PO BOX 529	**	OAK RIDGE	TN	FINDS
37830	1000918320	TND079026738	OAK RIDGE HOSP UNTD METHDT CHR	PO BOX 529	**	OAK RIDGE	TN	RCRA-NonGen
37830	1000914995	TND003384112	NUCLEAD LEAD CO., INC.	PO BOX 532 126 E DIVISION RD	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016241305	110007847928	NUCLEAD LEAD CO., INC.	PO BOX 532 126 E DIVISION RD	**	OAK RIDGE	TN	FINDS
37830	1000883358	TND095049268	STONE & WEBSTER ENGR CORP	PO BOX 811	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016256674	110008119758	STONE & WEBSTER ENGR CORP	PO BOX 811	**	OAK RIDGE	TN	FINDS
37830	1016257370	110008130842	SHULAR TOOL CO	PO BOX 824	**	OAK RIDGE	TN	FINDS
37830	1000919246	TND990655276	SHULAR TOOL CO	PO BOX 824	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016242490	110007862982	R & D TECTONICS	PO BOX 824	**	OAK RIDGE	TN	FINDS
37830	1000917435	TND066720376	R & D TECTONICS	PO BOX 824	**	OAK RIDGE	TN	RCRA-NonGen
37830	S111812077		THE COURTYARDS SENIOR LIVING	BRIARCLIFF AVENUE AND DONNER DRIV		OAK RIDGE	TN	NPDES
37830	1016452384	110056335443	U.S. DOE, BUILDING 1916-T2	1916 BRISBANE ROAD		OAK RIDGE	TN	RCRAInfo-SQG, FINDS
37830	1021476264		ACCOUNTABLE AUTO TRANSMISSION	208 BRISBANE RD		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020062675		PHILPOT DRY CLEANERS	BRUNER SHOP CENTER	**	OAK RIDGE	TN	EDR Historical Cleaners
37830	S111812100		ORR LANDFILLS CAPACITY INCREASE PR	BUILDING 9983-HL, ORR LANDFILL, CLEAF	**	OAK RIDGE	TN	NPDES
37830	1024225439	110070221095	TACO BELL - OAK RIDGE, TN	101 BUS TERMINAL ROAD		OAK RIDGE	TN	FINDS
37830	1024129053		TACO BELL - OAK RIDGE, TN	101 BUS TERMINAL ROAD		OAK RIDGE	TN	FINDS
37830	1000918734	110004998842	ALLSTATE EXTERMINATING CO INC	132 BUS TERMINAL RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1003869786	TN0001401124	MANHATTEN PROJ. BUS MAINTENANCE F	140 BUS TERMINAL ROAD		OAK RIDGE	TN	CERCLIS-NFRAP
37830	1016256750	110008120835	SOUTH CENTRAL BELL OKRGTNMT	BUS TERMINAL ROAD & MILAN WAY		OAK RIDGE	TN	FINDS
37830	1004781973	TND980513808	SOUTH CENTRAL BELL OKRGTNMT	BUS TERMINAL ROAD & MILAN WAY		OAK RIDGE	TN	RCRA-NonGen
37830	S111810863		MATTHEW B. JOB SITE	100 CAIRO LANE		OAK RIDGE	TN	NPDES
37830	1020403126		HALLS TEXACO	100 CARVER AVE		OAK RIDGE	TN	EDR Historical Auto

EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1024452997	110070380912	OAK RIDGE PRE-K SCHOOL	CARVER AVENUE		OAK RIDGE	TN	Stations
37830	S116232354			112 CEDAR LANE		OAK RIDGE	TN	FINDS
37830	94218602			CENTRAL AVE & 5TH ST	**	OAKRIDGE	TN	ERNS
37830	1006811581	110014363438	TELEDYNE BROWN ENGINEERING, INC.	350 CENTRIFUGE WAY		OAK RIDGE	TN	RCRA-CESQG, FINDS
37830	1023680175	TNR000043141	U.S. DOE, LITHIUM DEVELOPMENT LABOF	350 CENTRIFUGE WAY, SITE B		OAK RIDGE	TN	RCRA-NonGen
37830	1023711854	110070122878	U.S. DOE, LITHIUM DEVELOPMENT LABOF	350 CENTRIFUGE WAY, SITE B		OAK RIDGE	TN	FINDS
37830	1015763347	110046102374	CENTRUS ENERGY (FORMERLY AMERIC/	400 CENTRIFUGE WAY		OAK RIDGE	TN	FINDS
37830	S109375906		AMERICAN CENTRIFUGE OPERATING, LL	400 CENTRIFUGE WAY		OAK RIDGE	TN	AIRS, NPDES
37830	1000256846	TND991279563	CENTRUS ENERGY CORPORATION, TECH	400 CENTRIFUGE WAY		OAK RIDGE	TN	RCRAInfo-SQG
37830	S111810672		AVISCO SITE PREPARATION	CLARENCE LARSON DRIVE	**	OAK RIDGE	TN	NPDES
37830	1000917436	TND066721002	TENNESSEE INDUS DISPOSAL INC	CLARKSVILLE FLYING SERVICE 615	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016242491	110007862991	TENNESSEE INDUS DISPOSAL INC	CLARKSVILLE FLYING SERVICE 615	**	OAK RIDGE	TN	FINDS
37830	1019918725		A MARK ONE HOUR DRY	CLEANERS	**	OAK RIDGE	TN	EDR Historical Cleaners
37830	S111810313		LANDFILL VII	CLEAR SPRINGS ROAD	**	OAK RIDGE	TN	NPDES
37830	1004598469	110002376848	HERTEL CUTTING TECHNOLOGIES INCOF	1000 CLEARVIEW COURT		OAK RIDGE	TN	FINDS
37830	1001120943	TNR000001156	M4 ENVIRONMENTAL MANAGEMENT	1000 CLEARVIEW CT		OAK RIDGE	TN	RCRA-NonGen
37830	1000883502	TND981754930	DEMCO	COALFIELD	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016256879	110008122628	DEMCO	COALFIELD	**	OAK RIDGE	TN	FINDS
37830	U003609895	2-010102	TINDELL HOME CENTER	115 COALYARD ROAD		OAK RIDGE	TN	HIST UST
37830	U004164125		TINDELL HOME CENTER	115 COALYARD ROAD		OAK RIDGE	TN	UST
37830	1018272478	TNR000039255	TFE, INC.	1000 COMMERCE PARK DRIVE		OAK RIDGE	TN	PADS, RCRA-NonGen
37830	1017768035	110064012928	TFE, INC.	1000 COMMERCE PARK DRIVE		OAK RIDGE	TN	FINDS
37830	1016952507		ENERGYSOLUTIONS, LLC	1009 COMMERCE PARK DRIVE		OAK RIDGE	TN	MLTS
37830	S111804776		CITY OF OAK RIDGE WTP	1093 COMMERCE PARK DR. SUITE 700		OAK RIDGE	TN	NPDES
37830	1026228702		PERMA-FIX ENVIRONMENTAL SERVICES,	1093 COMMERCE PARK DRIVE		OAK RIDGE	TN	MLTS
37830	1004597195	110006674722	COORSTEK, INC.	1100 COMMERCE PARK DRIVE		OAK RIDGE	TN	FINDS
37830	S107859088		COORSTEK, INC.	1100 COMMERCE PARK DRIVE		OAK RIDGE	TN	AIRS, NPDES
37830	1026584509		COORS TECHNICAL CERAMICS	1100 COMMERCE PARK DRIVE		OAK RIDGE	TN	PRP
37830	1026457937	110070817986	CHESAPEAKE PARK LOT 6R1 AND 6R2	COMMERCE PARK, COMMERCE PARK DR	**	OAK RIDGE	TN	FINDS
37830	1026220775		CHESAPEAKE PARK LOT 6R1 AND 6R2	COMMERCE PARK, COMMERCE PARK DR	**	OAK RIDGE	TN	FINDS
37830	1022222255		ORLANDOS PHILLIPS 66 STATION	COR NEW YORK & TPK	**	OAK RIDGE	TN	EDR Historical Auto
37830	1021099909		ORLANDO PHILLIPS 66 STATION	COR NEW YORK & TURNPIKE	**	OAK RIDGE	TN	Stations
37830	1020983623		ORLANDOS PHILLIPS 66 STATION	COR NEW YORK & TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto
37830	1025475918	110070553391	BARNHART SITE IMPROVEMENT	100 CRANE LN	**	OAKRIDGE	TN	Stations
37830	9033943			D.O.E. Y-12 PLANT	**	OAKRIDGE	TN	FINDS
37830	1023389661	110067066043	ECA WATER SYSTEMS, LLC	115 DANSWORTH LANE		OAK RIDGE	TN	ERNS
37830	1025440190		ECA WATER SYSTEMS, LLC	115 DANSWORTH LANE	**	OAK RIDGE	TN	FINDS
37830	U004164147		BOOSTER STATION	DELAWARE AVENUE	**	OAK RIDGE	TN	SSTS
37830	U003609908	2-010148	BOOSTER STATION	DELAWARE AVENUE	**	OAK RIDGE	TN	UST
37830	1000876292	110004993632	QUALITY BODY SHOP & TOWING INC	123 EAST DIVISION ROAD		OAK RIDGE	TN	HIST UST
37830	1016241948	110007856533	RIDGE PRINTING CO	136 E DIVISION RD		OAK RIDGE	TN	RCRA-CESQG, FINDS
37830	U003609900	2-010121	SOUTH CENTRAL OKRGTDNED	201 EAST DIVISION ROAD		OAK RIDGE	TN	FINDS
37830	U004164134		SOUTH CENTRAL OKRGTDNED	201 EAST DIVISION ROAD		OAK RIDGE	TN	HIST UST
37830	9188462			DOE FEDERAL BUILDING	**	OAKRIDGE	TN	UST
37830	1026299316	110052284960	DOE K-25 W.P., A. TRIVETTE-CLINCH RIV	DOE K-25 W.P.	**	OAK RIDGE	TN	ERNS
37830	1004782357	110004992955	R & S PAINT & BODY SHOP	103 DRESDEN		OAK RIDGE	TN	FINDS
37830	S108635593	TRF730001328	DURATEK SERVICES, INC.	DURATEK SERVICES, INC.	14, South, 1 - 2	OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1004782894	TNR000009266	J A JONES CONSTRUCTION SERVICES	E.T.T.P. SITE	**	OAK RIDGE	TN	SWF/LF
37830	1016257634	110008134401	J A JONES CONSTRUCTION SERVICES	E.T.T.P. SITE	**	OAK RIDGE	TN	RCRA-NonGen
37830	S121927218		MATERIALS & ENERGY CORP	E.TENNESSEE TECH.PK 2010 HWY.58 BLI	A, NE, 1/8 - 1/4	OAK RIDGE	TN	FINDS
37830	1016127637	110015583457	EAST TENNESSEE MATERIALS AND ENEF	E.TENNESSEE TECH.PK 2010 HWY.58 BLI	A, NE, 1/8 - 1/4	OAK RIDGE	TN	AIRS
37830	1026027506		HARBOUR POINTE SUBDIVISION	206 EDMOOR ROAD		OAK RIDGE	TN	FINDS
37830	1026099108	110070668766	HARBOUR POINTE SUBDIVISION	206 EDMOOR ROAD		OAK RIDGE	TN	FINDS
37830	94244159			1848 ELM AVE	**	SOUTH PITTSBURG	TN	ERNS
37830	1006257289	110010581218	TARA HILLS APARTMENT COMPLEX	101 ELMHURST DR		OAK RIDGE	TN	ICIS, FINDS
37830	1020998141		NORWOOD CITGO 179	204 ELMHURST DR APT G12		OAK RIDGE	TN	EDR Historical Auto
37830	1000918825	110004999253	CREATIVE AMERICAN ENTERPRISES	103 ELZA DRIVE		OAK RIDGE	TN	Stations
37830	1000922255	110008124252	TENNELEC/NACLEUS PAINT SHOP & WAR	113 ELZA DR		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1016024376	110044607217	JOE DEATHERAGE	667-A EMORY VALLEY ROAD		OAK RIDGE	MS	FINDS
37830	U002098977	2-010099	BREADBOX #31	680 EMORY VALLEY ROAD		OAK RIDGE	TN	HIST UST, LUST TRUST,
37830	1020374308		GOSS ENTERPRISES LLC	697 EMORY VALLEY RD STE F		OAK RIDGE	TN	LUST, UST
37830	1018409244		COMET CLEANERS	697 EMORY VALLEY RD STE F		OAK RIDGE	TN	EDR Historical Auto
37830	1016046664	110054862715	COMET CLEANERS	697 EMORY VALLEY ROAD, SUITE F		OAK RIDGE	TN	Stations
37830	1004782192	TND982133522	COMET CLEANERS	697 EMORY VALLEY ROAD, SUITE F		OAK RIDGE	TN	EDR Historical Cleaners
							TN	FINDS
							TN	RCRA-NonGen

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1023706941	110070105511	BRIARCLIFF STORAGE	699 EMORY VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	U003609861	2-010030	DANIEL ARTHUR SPECIAL SCHOOL	728 EMORY VALLEY ROAD		OAK RIDGE	TN	HIST UST
37830	1024381238	110070285375	THE CROM CORPORATION	728 EMORY VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	U004164086		DANIEL ARTHUR SPECIAL SCHOOL	728 EMORY VALLEY ROAD		OAK RIDGE	TN	UST
37830	1001030865	110004953658	OAK RIDGE ANALYTICAL SERVICES	739 EMORY VALLEY ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000876316	110004993847	TENNESSEE TOOL & ENGR	741 EMORY VALLEY RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000919219	110005000998	ROBERTS ENGINEERING INTL INC	745 EMORY VALLEY RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	S107459763	2010208	FORMER BULK OIL PLANT (PARCEL 412)	EMORY ROAD @ LAFAYETTE DRIVE	**	OAK RIDGE	TN	LUST
37830	1024217606	110070212421	K-25 HISTORY CENTER SITE IMPROVEME	652 ENRICHMENT STREET, BUILDING K-1	**	OAK RIDGE	TN	FINDS
37830	1024120613		K-25 HISTORY CENTER SITE IMPROVEME	652 ENRICHMENT STREET, BUILDING K-1	**	OAK RIDGE	TN	
37830	1018310615		URS SAFETY MANAGEMENT SOLUTIONS	ETTP BLAIR ROAD		OAK RIDGE	TN	ICIS
37830	1011907428	110037246218	MATERIALS & ENERGY CORPORATION	ETTP, 2010 HIGHWAY 58, SUITE 1020	**	OAK RIDGE	TN	FINDS
37830	1007123805	110015686453	HERITAGE RAILROAD	ETTP, HIGHWAY 58, BLDG. K-1036	**	OAK RIDGE	TN	FINDS
37830	1007116521	TNR000017236	HERITAGE RAILROAD	ETTP, HIGHWAY 58, BLDG. K-1036	**	OAK RIDGE	TN	RCRA-NonGen
37830	1026625357		P.S. BAKER	104 EUCLID PLACE		OAK RIDGE	TN	PRP
37830	1016943243	TNW000032102	OMEGA TECHNICAL SERVICES	100 EUROPIA AVE	**	OAK RIDGE	TN	PADS
37830	92112420			W12 FACILITY	**	OAKRIDGE	TN	ERNS
37830	1000916025	110004965262	ANDREWS MITCHELL M	103 FAIRBANKS		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1001483869	110005003600	SCIENCE APPLICATIONS INTERNATIONAL	152 FAIRBANKS RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U003609894	2-010100	THE PANTRY	FAIRBANKS ROAD	**	OAK RIDGE	TN	HIST UST
37830	U004164124		THE PANTRY	FAIRBANKS ROAD	**	OAK RIDGE	TN	UST
37830	1014908795	110043991507	IMPACT SERVICES, INC.	1001 NORTH FERGUSON ROAD - ETTP,	**	OAK RIDGE	TN	FINDS
37830	1007571831	TNR000019232	IMPACT SERVICES, INC.	1001 NORTH FERGUSON ROAD - ETTP,	**	OAK RIDGE	TN	RCRA-NonGen
37830	S121924188		MELTON HILL MARINA L.L.C.	9232 FERRY PIKE ROAD	**	OAK RIDGE	TN	LUST
37830	S107858668		ATOMIC CITY TOOL INC	104 FLINT RD		OAK RIDGE	TN	NPDES
37830	1001121031	110005003762	AMERICAN TESTING AND ENGINEERING I	108 FLINT ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1023505585	110068888804	TOXCO MATERIAL MANAGEMENT CENTE	109 FLINT RD		OAK RIDGE	TN	FINDS
37830	1007646428	TNW000000371	TOXCO INC.	109 FLINT RD.		OAK RIDGE	TN	PADS
37830	S121449613		TOXCO INC. MATERIALS MANAGEMENT C	109 FLINT ROAD		OAK RIDGE	TN	
37830	S113451886		TOXCO MATERIAL MANAGEMENT CENTE	109 FLINT ROAD		OAK RIDGE	TN	NPDES
37830	S108858370		TOXCO MATERIAL MANAGEMENT CENTE	109 FLINT ROAD		OAK RIDGE	TN	NPDES
37830	1000192009	TND982086969	TOXCO MATERIAL MANAGEMENT CENTE	109 FLINT ROAD		OAK RIDGE	TN	CORRACTS, RCRA-CESQG, SWF/LF, RCRAInfo-TSDF
37830	1000917941	110004975956	RIDGE METALS	121 FLINT ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1016035667	110044634937	SPECPRO ENVIRONMENTAL SERVICE LL	1006 FLOYD CULLER COURT		OAK RIDGE	MS	FINDS
37830	1015736480	TND001177195	ELECTRONICS METAL FINISHING CORP	105 FORDHAM RD		OAK RIDGE	TN	CERCLIS-NFRAP, RCRA-NonGen
37830	1016241184	110007846251	ELECTRONICS METAL FNSHNG CORP	105 FORDHAM ROAD		OAK RIDGE	TN	FINDS
37830	1000917968	110009447795	PATHWAY BELLOWES, INC.	115 FRANKLIN RD 115 FRANKLIN R		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1018325539	110024586599	SENIOR FLEXONICS, INC.	115 FRANKLIN ROAD		OAK RIDGE	TN	FINDS
37830	1011906739	110037236023	FBF NUCLEAR CONTAINER, LLC	115 FRANKLIN ROAD		OAK RIDGE	TN	FINDS
37830	1000883913	110004996602	SENIOR FLEXONICS PATHWAY DIVISION	115 FRANKLIN ROAD		OAK RIDGE	TN	ICIS, RCRA-NonGen, FINDS
37830	S111806190		SENIOR FLEXONICS PATHWAYS DIVISION	115 FRANKLIN ROAD		OAK RIDGE	TN	NPDES
37830	1006333182		U. S. ECOLOGY, INC.	120 FRANKLIN ROAD		OAK RIDGE	TN	MLTS
37830	1020002665		HEARON WILLIAM S	999 FRENCH PLAZA	**	OAK RIDGE	TN	EDR Historical Cleaners
37830	S111812608		TDOT - SR-58, P.E. NO. 73011-3220-14	FROM I-40 TO 0.5 MILES SOUTH OF SR-95	**	OAK RIDGE	TN	NPDES
37830	S111798249		SR-95, FROM SR-58 TO NEAR WESTOVER	SR-95 FROM SR-58 NEAR WESTOVER DR	**	OAK RIDGE	TN	NPDES
37830	S116232731			154 GEORGIA AVENUE		OAK RIDGE	TN	
37830	1016257063	110008126973	ALLIED METALS, INC.	GOUGE HOLLOW RD OFF OF HWY 62	**	COALFIELD	TN	FINDS
37830	1000883888	TND987778651	ALLIED METALS, INC.	GOUGE HOLLOW RD OFF OF HWY 62	**	COALFIELD	TN	RCRA-NonGen
37830	S125899068		TENNESSEE VALLEY AUTHORITY (TVA) -	GRUBB ROAD	**	OAK RIDGE	TN	NPDES
37830	1025821916	110070567012	HARBOUR POINTE SUBDIVISION	HARBOUR POINTE LANE	**	OAK RIDGE	TN	FINDS
37830	1025900945		HARBOUR POINTE SUBDIVISION	HARBOUR POINTE LANE	**	OAK RIDGE	TN	
37830	1020538300		JP GETTY	107 HAVEN HILL LN		OAK RIDGE	TN	EDR Historical Auto Stations
37830	S120975317		CITY OF OAK RIDGE - RARITY RIDGE WW	HIDDENBERRY STREET	**	OAK RIDGE	TN	NPDES
37830	1024719694		CITY OF OAK RIDGE - RARITY RIDGE WW	HIDDENBERRY STREET	**	OAK RIDGE	TN	
37830	1025443600	110014436538	CITY OF OAK RIDGE - RARITY RIDGE WW	HIDDENBERRY STREET	**	OAK RIDGE	TN	FINDS
37830	S110729590			115 W HUNTER CIR K	**	OAK RIDGE	TN	CDL
37830	2005770122			US HWY 95	**	OAK RIDGE	TN	ERNS
37830	1021669254		HILLTOP SHELL SERVICE STATION	ILL & OUTER DR		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020916062		HILLTOP SHELL SERVICE STATION	ILL & WANTER RD	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020222873		CROUCH MORRIS G	ILL AT W OUTER DR	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020231834		CHURCH PETROLEUM MRKTRS*	200 ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1022207049		3 C WISHY WASHY INC	200 S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002097767	0-100150	M AND S QUIK MART	200 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	LUST TRUST, AIRS, LUST
37830	U001313447	2-010015	M AND S QUIK MART	200 SOUTHEAST ILLINOIS AVENUE		OAK RIDGE	TN	HIST UST, UST

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	S121923982		M AND S QUIK MART	200 SOUTHEAST ILLINOIS AVENUE	**	OAK RIDGE	TN	LUST
37830	1000169432	TND980847453	DUTCH GIRL CLEANERS	214 S ILLINOIS AVE		OAK RIDGE	TN	RCRA-NonGen
37830	1001483427	110009491246	DUTCH GIRL CLEANERS	214 S ILLINOIS AVE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1018402298		XTRA KLEEN LAUNDRY & CLEANERS	214 S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1020683364		CONSUMERS GASOLINE STATIONS	216 ILLINOIS		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021638704		CONSUMERS GASOLINE STATIONS	216 S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1019961595		CONCORD CLEANERS	218 S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1020172114		CONSUMERS GASOLINE STATIONS	250 S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020174324		LOWES QUALITY TRANSMISSIONS	300 ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U004164095		KMART #7128	302 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	UST
37830	U003609867	2-010048	KMART #7128	302 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	HIST UST
37830	1021471872		LOWE JAMES	302B S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1026029007		CHICK-FIL-A 850 OAK RIDGE	357 S. ILLINOIS AVENUE		OAK RIDGE	TN	
37830	1026100524	110070670295	CHICK-FIL-A 850 OAK RIDGE	357 S. ILLINOIS AVENUE		OAK RIDGE	TN	FINDS
37830	1014961479	TNR000033456	KMART #4717	370 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	RCRA-NonGen
37830	1016047147	110046258535	KMART #4717	370 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	FINDS
37830	1010735516	110033623309	WAL-MART SUPERCENTER #1194	373 S. ILLINOIS AVENUE		OAK RIDGE	TN	FINDS
37830	1010787974	TNR000025643	WALMART SUPERCENTER #1194	373 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	RCRAInfo-SQG
37830	U002098964	2-010067	TARTAN OIL #102	391 ILLINOIS AVENUE		OAK RIDGE	TN	HIST UST
37830	S117552965		TARTAN OIL #102	391 N ILLINOIS AVENUE		OAK RIDGE	TN	LUST
37830	1021942745		ROCKY TOP MARKETS LLC	400 ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U003349657	2-010044	ROCKY TOP MARKET #21	400 ILLINOIS AVENUE		OAK RIDGE	TN	HIST UST, AIRS, UST
37830	S111810527		STAYBRIDGE SUITES HOTEL	402 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	NPDES
37830	S113407823		WEIGEL'S NO. 79	417 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	AIRS, LUST
37830	U004197712		WEIGEL'S NO. 79	417 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	UST
37830	1021158255		HOLIDAY 76 SERVICE STATION	422 S ILLINOIS AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1018160458	TNR000039909	ASPEN DENTAL, OAK RIDGE	445 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	RCRA-NonGen
37830	1018133627	110066963780	ASPEN DENTAL, OAK RIDGE	445 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	FINDS
37830	1000137218	110001860807	ADVANCED MEASUREMENT TECHNOLOG	801 S ILLINOIS AVE		OAK RIDGE	TN	RCRAInfo-SQG, FINDS, TRIS
37830	1007443720		ADVANCED MEASUREMENT TECHNOLOG	801 SOUTH ILLINOIS AVE		OAK RIDGE	TN	MLTS
37830	U004164154		E G AND G INSTRUMENTS	801 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	UST
37830	1008340128	37830MNFCT84	MANUFACTURING SCIENCES CORP	804 S ILLINOIS AVE		OAK RIDGE	TN	TRIS
37830	1008161011	110020518288	MANUFACTURING SCIENCES CORPORAT	804 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	ICIS, FINDS
37830	1000922319	TND987778834	MANUFACTURING SCIENCES CORPORAT	804 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	RCRA-CESQG
37830	S107860573		MANUFACTURING SCIENCES CORPORAT	804 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	AIRS, NPDES
37830	S113872981		THE UNIVERSITY OF TENNESSEE ARBOR	901 SOUTH ILLINOIS AVENUE		OAK RIDGE	TN	NPDES
37830	1022964209	110069997740	RESTAURANT/RETAIL DEVELOPMENT	SOUTH ILLINOIS AVE.	**	OAK RIDGE-TN	TN	FINDS
37830	1022964367	110069997900	PANDA EXPRESS RESTAURANT 150188, I	SOUTH ILLINOIS AVENUE, OAK RIDGE, TN	**	OAK RIDGE	TN	FINDS
37830	S108635595	TRF730001386	IMPACT SERVICES, INC.	IMPACT SERVICES, INC.	5, ENE, 1/4 - 1/2	OAK RIDGE	TN	SWF/LF
37830	S108635592	TRF730001322	IMPACT SERVICES, INC.AT ETPP	IMPACT SERVICES, INC.AT ETPP		OAK RIDGE	TN	SWF/LF
37830	S111824303		TDOT-SR-170, PE# 01024-1214-94, CNA21	SR-170, INTERSECTION @ MELTON LK RI	**	OAK RIDGE	TN	NPDES
37830	U003609929	2-010194	OAK RIDGE CHRY-PLYMOUTH-DODGE	JEEP EAGLE INC. 1005 OAK RIDGE TURNI		OAK RIDGE	TN	HIST UST
37830	1021731527		JEFFERSON AVENUE SHELL STATION	100 JEFFERSON AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1026584462		COOPER SERVICE/GARAGE	102A JEFFERSON TERMINAL ROAD		OAK RIDGE	TN	PRP
37830	1024419470	110070337865	OAK RIDGE UTILITY DISTRICT - ADMINIST	120 S JEFFERSON CIRCLE		OAK RIDGE	TN	FINDS
37830	1014908988	110043969970	OAK RIDGE UTILITY DISTRICT	120 SOUTH JEFFERSON CIRCLE		OAK RIDGE	TN	FINDS
37830	1021457665		HATMAKER JAMES D	122 JEFFERSON CT		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021553833		ROCKY TOP MARKETS LLC	20 JEFFERSON AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002012176	2-010082	ROCKY TOP MARKET #5	20 JEFFERSON AVENUE		OAK RIDGE	TN	HIST UST, AIRS, LUST, UST
37830	U004164171		FORMER DIRECT OIL	50 JEFFERSON AVENUE		OAK RIDGE	TN	LUST, UST
37830	U003609931	2-010203	FORMER DIRECT OIL	50 JEFFERSON AVENUE		OAK RIDGE	TN	HIST UST
37830	U004183768		TURNPIKE BUILDING	55 JEFFERSON CIRCLE		OAK RIDGE	TN	HIST UST
37830	U004309599		TURNPIKE BUILDING	55 JEFFERSON CIRCLE		OAK RIDGE	TN	UST
37830	S107860777		TATE'S SALVAGE & SERVICE	70 JEFFERSON AVENUE		OAK RIDGE	TN	NPDES
37830	1022290339	110070003989	TATE'S	70 JEFFERSON AVENUE		OAK RIDGE	TN	FINDS
37830	1004782956	110005008428	PATES SERVICE CENTER	70 JEFFERSON AVENUE OAKRIDGE T		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1024229838	110070227665	BLANKENSHIP FIELD REVITALIZATION PR	104 KENTUCKY AVENUE		OAK RIDGE	TN	FINDS
37830	1024132741		BLANKENSHIP FIELD REVITALIZATION PR	104 KENTUCKY AVENUE		OAK RIDGE	TN	FINDS
37830	1007571796	TNR000018853	THE HOME DEPOT #736	175 LABORATORY ROAD		OAK RIDGE	TN	RCRAInfo-SQG



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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1007733366	110018903196	THE HOME DEPOT #736	175 LABORATORY ROAD		OAK RIDGE	TN	FINDS
37830	1000190769	TN9890090005	U S DOE-ORAU-TMSD DIVISION	246 LABORATORY ROAD		OAK RIDGE	TN	RCRA-NonGen
37830	1007148939	110016631901	U S DOE-ORAU-TMSD DIVISION	246 LABORATORY ROAD		OAK RIDGE	TN	FINDS
37830	U004164173		NHC OAK RIDGE	300 LABORATORY ROAD		OAK RIDGE	TN	LUST, UST
37830	U003609933	2-010206	NHC OAK RIDGE	300 LABORATORY ROAD		OAK RIDGE	TN	HIST UST
37830	1016004216	110044619151	CRAIG M. AURIN	181 LAFAYETTE DIVE		OAK RIDGE	MS	FINDS
37830	U004309654		PARCEL 412	LAFAYETTE DRIVE AT EMORY VALLEY RC	**	OAK RIDGE	TN	UST
37830	U003609934	2-010208	PARCEL 412	LAFAYETTE DRIVE AT EMORY VALLEY RC		OAK RIDGE	TN	HIST UST
37830	U004184022		PARCEL 412	LAFAYETTE DRIVE AT EMORY VALLEY RC	**	OAK RIDGE	TN	HIST UST
37830	1016772662	110058042728	ADVANCED LABELWORX INC	1006 LARSEN DRIVE		OAK RIDGE	TN	FINDS
37830	1007116460	TNR000011825	ADVANCED LABELWORX, INC.	1006 LARSON DRIVE		OAK RIDGE	TN	RCRA-CESQG
37830	1025947743		PROTOMET CORPORATION	1010 LARSON DRIVE		OAK RIDGE	TN	
37830	1026066086	110070633506	PROTOMET CORPORATION	1010 LARSON DRIVE		OAK RIDGE	TN	FINDS
37830	1025888401	TNR000045633	PROTOMET CORPORATION	1010 LARSON DRIVE		OAK RIDGE	TN	RCRA-NonGen
37830	S111812187		CANTERFIELD @ OAK RIDGE	LOCATED IN OAK RIDGE OFF BUS TERMII	**	OAK RIDGE	TN	NPDES
37830	S111811840		HERITAGE CENTER INDUSTRIAL PARK	LOCATED NORTH OF SR-95 IN FORMER K	**	OAK RIDGE	TN	NPDES
37830	S111811817		CHAMBERS BUILDING	LOT 30, BLK 12 CA, ALVIN WEINBERG DRI	**	OAK RIDGE	TN	NPDES
37830	U004164150		LOUISIANA AVE. TANK WATER BOOSTER	LOUISIANA AVENUE AT WEST OUTER DRI	**	OAK RIDGE	TN	UST
37830	U003609911	2-010152	LOUISIANA AVE. TANK WATER BOOSTER	LOUISIANA AVENUE AT WEST OUTER DRI	**	OAK RIDGE	TN	HIST UST
37830	S107459747	2010152	LOUISIANA AVE. TANK	LOUISIANA AVE. AT W. OUTER DR	**	OAK RIDGE	TN	LUST
37830	1024242760	110070248742	AZALEA PLACE	139 W. MADISON LANE		OAK RIDGE	TN	FINDS
37830	1024143875		AZALEA PLACE	139 W. MADISON LANE		OAK RIDGE	TN	
37830	1018376529	110069288381	O'REILLY AUTO PARTS STORE #931	110 EAST MAIN STREET		OAK RIDGE	TN	FINDS
37830	1018282090	TNR000041368	O'REILLY AUTO PARTS STORE #931	110 EAST MAIN STREET		OAK RIDGE	TN	RCRA-CESQG
37830	U003609863	2-010035	FREE SERVICE TIRE CO #714	110 MAIN ST.		OAK RIDGE	TN	HIST UST
37830	U004164089		FREE SERVICE TIRE CO #714	110 MAIN ST.		OAK RIDGE	TN	LUST, UST
37830	1020103845		THANK YOU CORP	237 S MAIN ST		OAK RIDGE	TN	EDR Historical Cleaners
37830	U003609865	2-010045	J C PENNY CO	287 MAIN ST. EAST		OAK RIDGE	TN	HIST UST
37830	U004164092		J C PENNY CO	287 MAIN ST. EAST		OAK RIDGE	TN	LUST, UST
37830	1000370958	110004966582	SHERWIN WILLIAMS CO	351 MAIN ST EAST		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1018772822		HALE-BAKER COMPANY *	848 MAIN STREET		OAK RIDGE	TN	EDR Historical Cleaners
37830	1018742114		A-MARK DRY CLEANERS	848 MAIN STREET WEST		OAK RIDGE	TN	EDR Historical Cleaners
37830	1022252504		HERRON ROBERT	200 MANHATTAN AVE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U004184014		WOODLAND ENTERPRISE	200 MANHATTAN AVENUE		OAK RIDGE	TN	LUST, UST
37830	U002012190	2-010116	WOODLAND ENTERPRISE	200 MANHATTAN AVENUE		OAK RIDGE	TN	HIST UST
37830	9176101			K25 MARTIN MARIETTA	**	OAKRIDGE	TN	ERNS
37830	1000914854	TND003374444	ACRALOC CORPORATION	MAYBERRY'S CAGINET SHOP 6155551		OAK RIDGE	TN	RCRA-NonGen
37830	1001233717	110005004011	CONTAINER PRODUCTS CORPORATION	100 MECO LANE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	S107859572		FOX AUTO SALVAGE	110 MELTON LAKE DRIVE		OAK RIDGE	TN	NPDES
37830	1000918316	110004978196	JET AIR INC	130 MELTON LAKE DRIVE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U004164146		OAK RIDGE MARINA	MELTON LAKE DRIVE	**	OAK RIDGE	TN	UST
37830	U003609907	2-010147	OAK RIDGE MARINA	MELTON LAKE DRIVE	**	OAK RIDGE	TN	HIST UST
37830	S118906249		CITY OF OAK RIDGE ROWING COURSE	MELTON LAKE DRIVE IN OAK RIDGE	**	OAK RIDGE	TN	NPDES
37830	S118906283		CITY OF OAK RIDGE ROWING COURSE	MELTON LAKE DRIVE IN OAK RIDGE	**	OAK RIDGE	TN	NPDES
37830	1026151836		SLUDGE TEST AREA (SL TA) (OAK RIDGE	MELTON VALLEY ACCESS ROAD	**	OAK RIDGE	TN	
37830	1026400764	110070707181	SLUDGE TEST AREA (SL TA) (OAK RIDGE	MELTON VALLEY ACCESS ROAD	**	OAK RIDGE	TN	FINDS
37830	1007443721		FLIR DETECTION, INC.	100 MIDLAND RD		OAK RIDGE	TN	MLTS
37830	1008196226	TNR000017699	PERKIN ELMER, INC.	102 MIDLAND ROAD		OAK RIDGE	TN	RCRA-CESQG
37830	1016046831	110055083029	VAL-U-SIGNS	102 MIDWAY LANE		OAK RIDGE	TN	FINDS
37830	1004782182	TND982128142	VAL-U-SIGNS	102 MIDWAY LANE		OAK RIDGE	TN	RCRA-NonGen
37830	1016203775	110004985259	KEN KECK AUTOBODY INC	155-B MIDWAY LN		OAK RIDGE	TN	FINDS
37830	1004782126	TND982084568	KEN KECK AUTOBODY INC	155-B MIDWAY LN		OAK RIDGE	TN	RCRA-CESQG
37830	1001229887	110005005617	THE STRIPPING WORKSHOP	156 MIDWAY LANE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000916250	110004966564	ARCHITECTURAL MATERIAL LAB*	205 MIDWAY		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1001022635	110004999360	DIAMOND GLASS MANUFACTURING	207 MIDWAY LANE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000917380	110004972762	ATOMIC CITY TOOL & GAGE CO INC	253 MIDWAY LANE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U002012191	2-010039	GAS PLUS ARROW OIL	270 MIDWAY LANE		OAK RIDGE	TN	HIST UST
37830	U001907196	2-010185	ROGERS PETROLEUM OAK RIDGE FACILI	270 MIDWAY LANE		OAK RIDGE	TN	HIST UST, LUST TRUST, AIRS, LUST, UST
37830	1020462123		GAS PLUS	270 MIDWAY LN		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1016127965	110009492101	AARDVARK PRINTING INCORPORATED	98 MIDWAY LANE		OAK RIDGE	TN	FINDS
37830	1020461040		ADVANCED TRANSMISSIONS	119 MILAN WAY		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002098974	2-010091	BST OAK RIDGE CENTRAL OFFICE #8158	119 MILAN WAY		OAK RIDGE	TN	HIST UST, LUST, UST
37830	U003611306	2-650029	SOUTH CENTRAL OKRGTNMA	120 MILAN WAY		OAK RIDGE	TN	HIST UST
37830	U004165779		SOUTH CENTRAL OKRGTNMA	120 MILAN WAY		OAK RIDGE	TN	UST
37830	1000256850	110004989077	BOEING TENNESSEE INCORPORATED	105 MITCHELL ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1014909029	110044223444	URS SAFETY MANAGEMENT SOLUTIONS	105 MITCHELL ROAD, STE 200		OAK RIDGE	TN	FINDS
37830	1000398065	110004989656	WASTECH INC	124 MITCHELL RD OAK RIDGE ANDE		OAK RIDGE	TN	RCRA-NonGen, FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1016256998	110008125402	QUALTEC INCORPORATED	124 MITCHELL ROAD		OAK RIDGE	TN	FINDS
37830	1016678797	110064503595	TFE, INC.	130 MITCHELL ROAD		OAK RIDGE	TN	PADS, RCRA-NonGen, FINDS
37830	1000695946	110004996345	MATERIALS & CHEMISTRY LABORATORY	161 MITCHELL ROAD		OAK RIDGE	TN	RCRAInfo-SQG, FINDS
37830	1025891997		MATERIALS & CHEMISTRY LABORATORY	161 MITCHELL ROAD		OAK RIDGE	TN	
37830	1000480522	TN7890090015	BOEING ENGR URANIUM ENRICHMENT PI	767 MITCHELL RD		OAK RIDGE	TN	CERCLIS
37830	93154962			MITCHELL BRANCH	**	OAK RIDGE	TN	ERNS
37830	9196705			MITCHELL BRANCH CREEK	**	OAKRIDGE	TN	ERNS
37830	U004184021		WASTE WATER TREATMENT PLANT	MONTEREY ROAD	**	OAK RIDGE	TN	HIST UST
37830	U004309653		WASTE WATER TREATMENT PLANT	MONTEREY ROAD	**	OAK RIDGE	TN	UST
37830	1018951420		CUSTOM CARE CLEANERS	301-09 NEW YORK AVE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1000415656	110004975938	THE BUTLERY #2	309 NEW YORK AVE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1019944630		BRUNERS SUPER MARKET INC	309 NEW YORK AVENUE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1021772913		ORLANDO PHILLIPS 66 STATION	NEW YORK & TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1008186358		OAKRIDGE CITY SCHOOL DISTRICT	NEW YORK AVE	**	OAKRIDGE	TN	
37830	1010007905		OAKRIDGE CITY SCHOOL DISTRICT	NEW YORK AVE	**	OAKRIDGE	TN	FTTS
37830	1021996386		WOODLAND GULF	NORTHWESTERN	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021230444		WOODLAND TEXACO	NORTHWESTERN AT MANHATTAN	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020683402		MTW PROPERTIES	106 NORWAY LANE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1000916068	TND041108986	BRADLEY-THOMPSON TOOL CO. OF TENI	P O BOX 546	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016241767	110007854170	BRADLEY-THOMPSON TOOL CO. OF TENI	P O BOX 546	**	OAK RIDGE	TN	FINDS
37830	1016242487	110007862955	PRECISE TOOL & GAGE CO., INC.	P O BOX 885 277A WAREHOUSE ROA		OAK RIDGE	TN	FINDS
37830	1000917429	TND066719006	PRECISE TOOL & GAGE CO., INC.	P O BOX 885 277A WAREHOUSE ROA	**	OAK RIDGE	TN	RCRA-NonGen
37830	1000578223	110004995480	PHILLIPS PETROLEUM CO STATION #273:	1000 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST, LUST TRUST, RCRA-NonGen, FINDS, LUST, UST
37830	1020280614		OAK RIDGE CHEVRON	1000 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020371211		AZTEX ENTERPRISES	1001 OAK RIDGE TPKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U004164078		AZTEX # 28	1001 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST TRUST, LUST, UST
37830	U003609855	2-010006	AZTEX # 28	1001 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	U004164168		OAK RIDGE CAR DEALERSHIP	1005 OAK RIDGE TURNPIKE		OAK RIDGE	TN	UST
37830	1026611644		LANE CHRYSLER/DODGE	1005 OAK RIDGE TURNPIKE		OAK RIDGE	TN	PRP
37830	1020799436		CENTRAL SERVICE STATION	1007 OAK RIDGE TPK		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020510489		CLAPP R T OF OAK RIDGE	1025 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	S114525742		U. S. ARMY - OAK RIDGE ARC OAK RIDGE	104 OAK RIDGE TPKE		OAK RIDGE	TN	NPDES
37830	1018957123		A MARK CLEANERS	108 OAK RIDGE TPKE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1020027981		LIL LYNS COUNTRY DRY CLEANERS	112 OAK RIDGE TPKE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1021002353		CONOCOPHILLIPS COMPANY	112 OAK RIDGE TPKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002098989	2-010127	PHILLIPS 66 JOY LUCK MARKET	112 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	U004164136		GAS AND GO	112 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST, UST
37830	1021743355		DOWNTOWN AMERICAN SERVICE STN	1129 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020014342		JOE R JUDKINS ATTORNEY	1143 OAK RIDGE TPKE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1020453331		ROCKY TOP MARKET INC	1190 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002098969	2-010081	LEHIGH GAS WHOLESALE SERVICES, INC	1190 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST, LUST TRUST, AIRS, LUST, UST
37830	U004249638		GAS N GO NO. 681	1199 OAK RIDGE TURNPIKE		OAK RIDGE	TN	UST
37830	1021254399		TURNPIKE ESSO SERVICE STATION	1201 OAK RIDGE TPK		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1016046992	110070733837	CVS PHARMACY #3723	1287 OAK RIDGE TURNPIKE		OAK RIDGE	TN	FINDS
37830	1014961400	TNR000032664	CVS PHARMACY #3723	1287 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRAInfo-LQG
37830	1020318658		DOWNTOWN AMOCO SERVICE STATION	129 OAK RIDGE TNP		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002098943	2-010018	SUPERIOR SYSTEMS, LLC	1291 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST, LUST TRUST, LUST, UST
37830	U002098953	2-010042	BP STATION SITE #24372	1395 OAK RIDGE		OAK RIDGE	TN	HIST UST, LUST, UST
37830	1020921884		RAYS B P INC	1395 OAK RIDGE TPKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	S101134930	2-010042	BP STATION SITE #24372	1395 OAK RIDGE TPKE		OAK RIDGE	TN	HIST LUST CO, AIRS
37830	U004164132		FOX PONTIAC-BUICK	1549 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST TRUST, LUST, UST
37830	U003609898	2-010113	REEDER PONTIAC-BUICK CO.	1549 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	1000282787	110004989816	FOX PONTIAC BUICK, INC	1549 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-NonGen, FINDS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	S113873770		KROGER LIMITED PARTNERSHIP I DBA KI	1550 OAK RIDGE TURNPIKE		OAK RIDGE	TN	AIRS, NPDES
37830	U004223075		KROGER FUEL CENTER GA-690	1550 OAK RIDGE TURNPIKE		OAK RIDGE	TN	UST
37830	S104780763	2010108	CHUCK'S TURNPIKE GULF	1608 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST TRUST
37830	U003609897	2-010108	CHUCKS TURNPIKE GULF	1610 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	U004164130		CHUCKS TURNPIKE GULF	1610 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST, UST
37830	1020279942		TRANSCORP INC	178 OAK RIDGE TPK		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1018679542		PHILPOT DRY CLEANERS & LAUNDRY	1990 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1016257131	110008128338	A B C OFFICE SUPPLY COMPANY	1998 OAK RIDGE TURNPIKE		OAK RIDGE	TN	FINDS
37830	1020062673		PHILPOT DRY CLEANERS	1998 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1018736016		A W SUPR SLF SV LDY DRY CL	201 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Cleaners
37830	1006811579	TNR000014803	CENTRUS ENERGY CORPORATION, K-16C	2010 OAK RIDGE TURNPIKE, ETTTP BUILDI		OAK RIDGE	TN	RCRA-NonGen
37830	1017363295	110054862742	CENTRUS ENERGY CORPORATION, K-16C	2010 OAK RIDGE TURNPIKE, ETTTP BUILDI		OAK RIDGE	TN	FINDS
37830	U004164099		MINIT CHECK	2079 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST, UST
37830	1020201122		MINIT CHECK OAKRIDGE BASS	2079 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021289340		TEMPT WEST END 76	2081 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U002098984	2-010115	WEIGEL'S #36	2385 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST, AIRS, UST
37830	S111812193		OAK RIDGE SPORTSMEN'S ASSOCIATION	2625 OAK RIDGE TURNPIKE		OAK RIDGE	TN	NPDES
37830	U002099017	2-010197	TENNESSEE OIL AND LUBE	301 A OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	U004164170		TENNESSEE OIL AND LUBE	301 A OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST, UST
37830	1018518520		THE BUTLERY	463 OAK RIDGE TPK		OAK RIDGE	TN	EDR Historical Cleaners
37830	1017768317	110064012955	TRACTOR SUPPLY COMPANY #1266	465 OAK RIDGE TURNPIKE		OAK RIDGE	TN	FINDS
37830	1017788985	TNR000039289	TRACTOR SUPPLY COMPANY #1266	465 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-CESQG
37830	1021402872		REEDER MOTOR CO*	503-23 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1022962183	110069995694	R & R PROPERTIES, INC. DRESDEN CENT	503-509 OAK RIDGE TURNPIKE, OAK RIDG		OAK RIDGE-TN	TN	FINDS
37830	1021056280		VANN RAYMOND H	513 OAK RIDGE TPK		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U003609899	2-010119	WHEELER TEXACO	513 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	U004164133		WHEELER TEXACO	513 OAK RIDGE TURNPIKE		OAK RIDGE	TN	UST
37830	1026228703		ATKINS NUCLEAR SECURED, LLC	545 OAK RIDGE TURNPIKE		OAK RIDGE	TN	MLTS
37830	1026627018		PERMA FIX OF ORLANDO	575 OAK RIDGE TURNPIKE STE 200		OAKRIDGE	TN	PRP
37830	S111811909		NEW RETAIL STORE	600 OAK RIDGE TURNPIKE		OAK RIDGE	TN	NPDES
37830	S111825491		OXFORD INSTRUMENTS, INC. (F.K.A. NUC	601 OAK RIDGE TURNPIKE		OAK RIDGE	TN	NPDES
37830	1016131691	110000863281	OXFORD INSTRUMENTS INCORPORATED	601 OAK RIDGE TURNPIKE		OAK RIDGE	TN	FINDS
37830	1021231605		ARCO SERVICE CENTER	789 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1000916140	110004965930	TENNECOMP SYSTEMS INC	795 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U001313461	2-010033	EDDIE HAIR FIRESTONE #707	798 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST, LUST, UST
37830	1021513818		HAIRS EDDIE FIRESTONE	798 OAK RIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1000126749	110043779159	PAUL BENTON LLC	799 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U002099009	2-010175	SEXTON AUTOMOTIVE	799 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST, AIRS, LUST, UST
37830	U001907204	2-010201	JACKSON PLAZA OFFICE BLDG.	800 OAK RIDGE TURNPIKE SUITE A-100		OAK RIDGE	TN	HIST UST, LUST, UST
37830	S126349493		JACKSON PLAZA OFFICE BLDG.	800 OAK RIDGE TURNPIKE, SUITE A-1000		OAK RIDGE	TN	LUST
37830	1014401451	TNR000029769	TENNESSEE UROLOGY ASSOCIATES	800 OAK RIDGE TURNPIKE, SUITE A206		OAK RIDGE	TN	RCRA-CESQG
37830	1014837238	110041681105	TENNESSEE UROLOGY ASSOCIATES	800 OAK RIDGE TURNPIKE, SUITE A206		OAK RIDGE	TN	FINDS
37830	1021583741		CHUCKS CAR CARE CTR	8021 OAK RIDGE TPK	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	U003032126	2-010031	KWIK PANTRY (FFP #5180)	820 OAK RIDGE TURNPIKE		OAK RIDGE	TN	HIST UST
37830	U004164087		KWIK PANTRY (FFP #5180)	820 OAK RIDGE TURNPIKE		OAK RIDGE	TN	LUST TRUST, LUST, UST
37830	1000918367	110004978506	HAYNES LAPIDARY & JEWELRY	901 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000918723	TND990647208	AARDVARK PRINTING INC	901 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-NonGen
37830	U002099765	2-470451	ZOOMERZ #56	9201 OAK RIDGE HIGHWAY		OAK RIDGE	TN	HIST UST, LUST TRUST, LUST, UST
37830	1020683758		SOLWAY ESSO	9201 OAK RIDGE HWY		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021211531		SOLWAY OPEN AIR MARKET	9209 OAK RIDGE HWY		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U003608080	2-010034	THE CIRCLE K CORP	9213 OAK RIDGE HIGHWAY		OAK RIDGE	TN	HIST UST
37830	U003608097	2-010124	SOLWAY TEXACO	9213 OAK RIDGE HIGHWAY		OAK RIDGE	TN	HIST UST, AIRS, LUST, UST
37830	S101135054	2-470899	CALIBUR FOOD & FUEL STOP	9213 OAK RIDGE HWY		OAK RIDGE	TN	HIST_LUST CO
37830	1021859366		SOLWAY TEXACO SERVICE STATION	9237 OAK RIDGE HWY		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1000919154	110005000658	LARRY PERRY & ASSOC INC	977 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1020049144		NEW YORK CLEANERS	988 OAK RIDGE TPK		OAK RIDGE	TN	EDR Historical Cleaners
37830	1004596935	110001861389	METHODIST MED CNTR	990 OAK RIDGE TRNPK		OAK RIDGE	TN	FINDS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1026424243	110070750307	METHODIST MEDICAL CENTER OF OAK R	990 OAK RIDGE TURNPIKE		OAK RIDGE	TN	FINDS
37830	1014473384	TNR000030916	METHODIST MEDICAL CENTER OF OAK R	990 OAK RIDGE TURNPIKE		OAK RIDGE	TN	RCRAInfo-LQG
37830	2011994361			OAK RIDGE	**		TN	ERNS
37830	9047933			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9160049			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9047127			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9042300			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9173100			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9167427			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9047663			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9167148			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9040360			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	9040152			OAK RIDGE FACILITY	**	OAK RIDGE	TN	ERNS
37830	1025915540		OLCF- 5 POWER LINE	OAK RIDGE NATIONAL LABORATORY (BE'	**	OAK RIDGE	TN	
37830	1025984819	110070597459	OLCF- 5 POWER LINE	OAK RIDGE NATIONAL LABORATORY (BE'	**	OAK RIDGE	TN	FINDS
37830	1026224394		ORNL LEADERSHIP IMAGING FACILITY	OAK RIDGE NATIONAL LABORATORY, WE'	**	OAK RIDGE	TN	
37830	1026457026	110070816999	ORNL LEADERSHIP IMAGING FACILITY	OAK RIDGE NATIONAL LABORATORY, WE'	**	OAK RIDGE	TN	FINDS
37830	1020685164		VERMONT GATEWAY SERVICE STN	OAK RIDGE TPK	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	S108635531	TRF010000129	OAK RIDGE TRANSFER STATION	OAK RIDGE TRANSFER STATION			TN	SWF/LF
37830	1000914996	TND003384344	UNION CARBIDE CORPORATION	OAK RIDGE TURNPIKE	**	OAK RIDGE	TN	RCRA-NonGen
37830	1000916026	TND034859215	SHARP DENTAL LABORATORY	OAK RIDGE TURNPIKE	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016241306	110007847937	UNION CARBIDE CORPORATION	OAK RIDGE TURNPIKE	**	OAK RIDGE	TN	FINDS
37830	1016241728	110007853723	SHARP DENTAL LABORATORY	OAK RIDGE TURNPIKE	**	OAK RIDGE	TN	FINDS
37830	1024032678	110070155773	MATERIALS AND CHEMISTRY LABORATO	OAK RIDGE TURNPIKE (HIGHWAY 95) AT I	**	OAK RIDGE	TN	FINDS
37830	S123791272		DOE - EAST TENNESSEE TECHNOLOGY F	OAK RIDGE TURNPIKE (SR-58) AT BLAIR F	**	OAK RIDGE	TN	NPDES
37830	S123791145		DOE - EAST TENNESSEE TECHNOLOGY F	OAK RIDGE TURNPIKE (SR-58) AT BLAIR F	**	OAK RIDGE	TN	NPDES
37830	S123791270		DOE - EAST TENNESSEE TECHNOLOGY F	OAK RIDGE TURNPIKE (SR-58) AT BLAIR F	**	OAK RIDGE	TN	NPDES
37830	S123791271		DOE - EAST TENNESSEE TECHNOLOGY F	OAK RIDGE TURNPIKE (SR-58) AT BLAIR F	**	OAK RIDGE	TN	NPDES
37830	1016127747	110009445984	U.S DOE, OFFICE OF SECURE TRANSPOF	OAK RIDGE TURNPIKE AND	**	OAK RIDGE	TN	FINDS
37830	1000312625	TND003379112	TENNELEC INC	601 OAK-RIDGE TURNPIKE		OAK RIDGE	TN	CORRACTS, RCRA-NonGen, RCRAInfo-TSDF
37830	1020712725		CHUCKSS TURNPIKE GULF/	1610 OAKRIDGE TURNPIKE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020518937		TENCO OIL	820 OAKRIDGE		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020345063		CLASSIC CAR WASH	9213 OAKRIDGE HWY		OAK RIDGE	TN	EDR Historical Auto Stations
37830	9031690			OAKRIDGE FACILITY	**	OAKRIDGE	TN	ERNS
37830	9023489			OAKRIDGE FACILITY	**	OAKRIDGE	TN	ERNS
37830	9024717			OAKRIDGE FACILITY	**	OAKRIDGE	TN	ERNS
37830	9034623			OAKRIDGE FACILITY	**	OAKRIDGE	TN	ERNS
37830	9018217			OAKRIDGE FACILITY	**	OAKRIDGE	TN	ERNS
37830	S111809985		PARK MEADE PLACE	NORTH OF EDGEMOOR ROAD, EAST OF F	**	OAK RIDGE	TN	NPDES
37830	1026100260	110070670013	Y-12 PRE-ENGINEERED METAL BUILDING	SOUTHWEST OF Y-12 NSC, NORTH OF BE	**	OAK RIDGE	TN	FINDS
37830	1026028729		Y-12 PRE-ENGINEERED METAL BUILDING	SOUTHWEST OF Y-12 NSC, NORTH OF BE	**	OAK RIDGE	TN	
37830	S111798206		UNION VALLEY WETLAND	WEST OF SR-62 AND SOUTH OF UNION V	**	OAK RIDGE	TN	NPDES
37830	1018378476	110069346023	URANIUM PROCESSING FACILITY CONCF	OFF BEAR CREEK ROAD NEAR Y-12 COM		OAK RIDGE	TN	FINDS
37830	U004184018		ORCHARD LANE WATER BOOSTER STAT	ORCHARD LANE EL TANK	**	OAK RIDGE	TN	HIST UST
37830	U004309652		ORCHARD LANE WATER BOOSTER STAT	ORCHARD LANE EL TANK	**	OAK RIDGE	TN	UST
37830	S107459746	2010149	BOOSTER PUMP	ORCHARD LN EL TANK	**	OAK RIDGE	TN	LUST
37830	92106790			K25 ORGDP	**	OAKRIDGE	TN	ERNS
37830	1026117102		2000- 3000 AREA UTILITY MODERNIZATIO	ORNL - 3000 AREA	**	OAK RIDGE	TN	
37830	1026388587	110070686061	2000- 3000 AREA UTILITY MODERNIZATIO	ORNL - 3000 AREA	**	OAK RIDGE	TN	FINDS
37830	S120975316		ORNL - SPALLATION NEUTRON SOURCE I	ORNL, BETHEL VALLEY ROAD	**	OAK RIDGE	TN	NPDES
37830	1021227467		EAST TENNESSEE DX ASSOCIATION	1041 W OUTER DR	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1012188508	TNR000027201	IMPACT SERVICES, INC.	103 PALLADIUM WAY		OAK RIDGE	TN	RCRA-NonGen
37830	1012109996	110038912148	IMPACT SERVICES, INC.	103 PALLADIUM WAY		OAK RIDGE	TN	FINDS
37830	S113874340		LEMOND COMPOSITES LLC	103 PALLADIUM WAY		OAK RIDGE	TN	AIRS, NPDES
37830	1016160472	110056288716	US DEPARTMENT OF ENERGY, OFFICE O	93 PALLADIUM WAY		OAK RIDGE	TN	FINDS
37830	S125985888		PROPERTY AT 111 PARK LANE, OAK RIDC	111 PARK LANE		OAK RIGE	TN	
37830	1016301247	110012230255	EAGLE-PICHER IND., INC. ENERGY PROD	285 PARKTOWER ROAD	**	OAK RIDGE	TN	FINDS
37830	1026636512		SENIOR FLEXONICS PATHWAY DIVISION	PATHWAY BELLOWSS 525 WAREHOUSE Rf	**	OAK RIDGE	TN	PRP
37830	1000883890	110008126991	QUALTEC	725 PELLISSIPPI PARKWAY		OAK RIDGE	TN	PADS, RCRA-NonGen, FINDS
37830	S107459748	2010153	BOOSTER STATION	PENNSYLVANIA AVE.	**	OAK RIDGE	TN	LUST
37830	U003609912	2-010153	PENNSYLVANIA BOOSTER STATION	PENNSYLVANIA AVENUE	**	OAK RIDGE	TN	HIST UST
37830	U004164151		PENNSYLVANIA BOOSTER STATION	PENNSYLVANIA AVENUE	**	OAK RIDGE	TN	UST
37830	1026655530	TNTSCA105681	OAK RIDGE ENVIRONMENTAL WASTE OP	930 PERIMETER RD	**	OAK RIDGE	TN	PADS
37830	1016943242	TNR000029470	IMPACT SERVICES, INC.	WEST PERIMETER ROAD,	**	OAK RIDGE	TN	PADS, RCRA-CESQG
37830	1014837177	110041680785	IMPACT SERVICES, INC.	WEST PERIMETER ROAD,	**	OAK RIDGE	TN	FINDS

## EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1024150123	110070257073	PRESERVE MARINA LLC AT RARITY RIDG	127 PINEBERRY EAST ROAD, RARITY RID		OAK RIDGE	TN	FINDS
37830	9179525			K25 PO BOX 7300	**	OAKRIDGE	TN	ERNS
37830	9156434			POB 2001	**	OAKRIDGE	TN	ERNS
37830	9176513			POB 2001	**	OAKRIDGE	TN	ERNS
37830	96326796			POB 2003	**	OAKRIDGE	TN	ERNS
37830	95317923			POB 2003	**	OAKRIDGE	TN	ERNS
37830	96340163			POB 2003	**	OAKRIDGE	TN	ERNS
37830	97379111			POB 2003	**	OAKRIDGE	TN	ERNS
37830	96323102			POB 2003	**	OAKRIDGE	TN	ERNS
37830	99490997			POB 2003	**	OAKRIDGE	TN	ERNS
37830	1024922829		GALLAHER MINE	POPLAR CREEK ROAD	**	OAKRIDGE	TN	
37830	1015736462	TN3890090019	UNION CARBIDE CORP	POSTAL ADDRESS IS UNAVAILABLE FOR		OAK RIDGE	TN	CERCLIS-NFRAP
37830	2004721250			1310 POWER HOUSE ROAD	**	OAK RIDGE	TN	ERNS
37830	1016046876	110045562501	INTERGRATED ENVIRONMENTAL SERVIC	1310 POWERHOUSE ROAD	**	OAK RIDGE	TN	FINDS
37830	1015750524	TNR000016980	INTERGRATED ENVIRONMENTAL SERVIC	1310 POWERHOUSE ROAD	**	OAK RIDGE	TN	RCRA-NonGen
37830	U004164174		OAK RIDGE HIGH SCHOOL	127 PROVIDENCE ROAD		OAK RIDGE	TN	UST
37830	1017463724	110025336410	OUTDOOR MUNICIPAL POOL	172 PROVIDENCE ROAD		OAK RIDGE	TN	FINDS
37830	1011833755		OUTDOOR MUNICIPAL POOL	172 PROVIDENCE ROAD		OAK RIDGE	TN	RMP
37830	1026659564		CITY OF OAK RIDGE	271 PUMPHOUSE ROAD	**	OAK RIDGE	TN	
37830	1009618092	TNW000000624	U.S. DEPARTMENT OF ENERGY FREELS E	PUMPHOUSE ROAD, ANDERSON COUNTY	**	OAK RIDGE	TN	PADS
37830	1000577857	110004993972	COPELAND AUTO SUPPLY, INC	180 RALEIGH ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000236521	TND053988150	ELO TOUCH SYSTEMS INC	105 RANDOLPH RD		OAK RIDGE	TN	RCRA-NonGen
37830	1006060409	110001864590	ELOGRAPHICS, INC.	105 RANDOLPH ROAD		OAK RIDGE	TN	FINDS
37830	1000917683	110004974555	OAK RIDGE LOANS INC	108 RANDOLPH RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1020595999		CONVENIENT FOOD MART #437	133 RANDOLPH RD		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U001313441	2-010027	GROVE MARKET	133 RANDOLPH ROAD		OAK RIDGE	TN	HIST UST, AIRS, LUST,
								UST
37830	1026027379		FOREST CREEK VILLAGE	RARITY OAK PARKWAY	**	OAK RIDGE	TN	
37830	1026098993	110070668637	FOREST CREEK VILLAGE	RARITY OAK PARKWAY	**	OAK RIDGE	TN	FINDS
37830	1014837434	110043229299	PHILOTECHNICS, LTD	201 RENOVARE BLVD		OAK RIDGE	TN	FINDS
37830	1014401519	TNR000030544	PHILOTECHNICS, LTD	201 RENOVARE BLVD		OAK RIDGE	TN	RCRA-NonGen
37830	1016363806	110045087650	PHILOTECHNICS LTD	201 RENOVARE BLVD		OAK RIDGE	KY	FINDS
37830	S114525753		PHILOTECHNICS LTD	201 RENOVARE BOULEVARD		OAK RIDGE	TN	NPDES
37830	S114526226		PHILOTECHNICS LTD	201 RENOVARE BOULEVARD		OAK RIDGE	TN	NPDES
37830	S114525840		PHILOTECHNICS LTD	201 RENOVARE BOULEVARD		OAK RIDGE	TN	NPDES
37830	S111811187		MODUS METROLOGY	RENOVARE BOULEVARD OFF SR-95	**	OAK RIDGE	TN	NPDES
37830	1017790418		ENVIRONMENTAL CHEMICAL CORPORAT	C/O RENUKE SERVICES, INC.		OAK RIDGE	TN	MLTS
37830	1018454480		A MARK CLEANERS	119 ROBERTSVILLE RD		OAK RIDGE	TN	EDR Historical Cleaners
37830	U004184012		OAK RIDGE SCHOOLS	245 ROBERTSVILLE ROAD		OAK RIDGE	TN	HIST UST
37830	U004309650		OAK RIDGE SCHOOLS	245 ROBERTSVILLE ROAD		OAK RIDGE	TN	UST
37830	1008254408		LINDEN ELEMENTARY SCHOOL	700 ROBERTSVILLE RD		OAK RIDGE	TN	FTTS
37830	1008371523		LINDEN ELEMENTARY SCHOOL	700 ROBERTSVILLE RD		OAK RIDGE	TN	
37830	1008982280		LINDEN ELEMENTARY	700 ROBERTSVILLE RD.		OAK RIDGE	TN	FTTS
37830	U003609909	2-010150	BOOSTER STATION	ROBERTSVILLE AND ILLINOIS		OAK RIDGE	TN	HIST UST
37830	U004164148		BOOSTER STATION	ROBERTSVILLE AND ILLINOIS		OAK RIDGE	TN	UST
37830	9191522			US ROUTE 60	**	PADUCAH	KY	ERNS
37830	1023639855	110070048618	TOWNPLACE SUITES OF OAK RIDGE	300 RUTGERS AVE		OAK RIDGE	TN	FINDS
37830	S111824544		TDOT - MANHATTAN AVENUE	RUTGERS AVENUE	**	OAK RIDGE	TN	NPDES
37830	1016241291	110007847713	CHEMICAL SEPARATIONS CORP	55. N S01D81 Y Y Y	**	OAK RIDGE	TN	FINDS
37830	1000914946	TND003380698	CHEMICAL SEPARATIONS CORP	55. N S01D81 Y Y Y	**	OAK RIDGE	TN	RCRA-NonGen
37830	1017438958		CHEMICAL SEPARATIONS CORP	55. N S01D81 Y Y Y	**	OAK RIDGE	TN	
37830	1000202441	TND000769984	ALLEGHENY INDUSTRIAL ELECTRICAL CC	2083. N S01T16 Y Y Y		OAK RIDGE	TN	RCRA-NonGen
37830	1014908783	110043779186	EBERLINE SERVICES	601 SCARBORO ROAD		OAK RIDGE	TN	FINDS
37830	1000450693	TND987768991	EBERLINE SERVICES	601 SCARBORO ROAD		OAK RIDGE	TN	RCRA-CESQG
37830	1024424538	110070344275	OAK RIDGE UTILITY DISTRICT - MAINTEN.	603 SCARBORO ROAD		OAK RIDGE	TN	FINDS
37830	S111825515		AGILENT TECHNOLOGIES OAK RIDGE SIT	701 SCARBORO RD STE 100		OAK RIDGE	TN	NPDES
37830	1016217747	110006870305	US DEPARTMENT OF ENERGY ORAU MEL	701 SCARBORO ROAD		OAK RIDGE	TN	FINDS
37830	1011924383	110043853416	AGILENT TECHNOLOGIES, INC.	701 SCARBORO ROAD, SUITE 100		OAK RIDGE	TN	FINDS
37830	1011863799	TNR000026542	AGILENT TECHNOLOGIES, INC.	701 SCARBORO ROAD, SUITE 100		OAK RIDGE	TN	RCRA-NonGen
37830	1011863820	TNR000026765	U.S. DOE, OFFICE OF SCIENTIFIC & TECH	1 SCIENCE.GOV WAY	**	OAK RIDGE	TN	RCRA-CESQG
37830	1011923961	110037444557	U.S. DOE, OFFICE OF SCIENTIFIC & TECH	1 SCIENCE.GOV WAY	**	OAK RIDGE	TN	FINDS
37830	1000916141	110004965949	ORTCO	110 SOUTH SENECA ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	S107459745	2010148	BOOSTER STATION	N. SIDE OF OUTER DR. @ DEL AV	**	OAK RIDGE	TN	LUST
37830	S111811341		ROYCE HILL TOWNS AND GARDENS-ROY	SOUTH SIDE OF ROYCE CIRCLE	**	OAK RIDGE	TN	NPDES
37830	U004164167		DEAN STALLINGS FORD	480 SILL AVE		OAKRIDGE	TN	LUST, UST
37830	U003609928	2-010192	DEAN STALLINGS FORD	480 SILL AVENUE		OAK RIDGE	TN	HIST UST
37830	S121924189		MELTON HILL MARINA, LLC	9133 SOLWAY FERRY ROAD	**	OAK RIDGE	TN	LUST
37830	U004165412		MELTON HILL MARINA, LLC	9133 SOLWAY FERRY ROAD		OAK RIDGE	TN	UST
37830	U003544344	2-470946	MELTON HILL MARINA, LLC	9133 SOLWAY FERRY ROAD		OAK RIDGE	TN	HIST UST
37830	1026209350		OXTENNESSEE VALLEY AUTHORITY	START - BULLRUN FOSSILPLANT	**	OAK RIDGE	TN	

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	1026436648	110070792285	OXTENNESSEE VALLEY AUTHORITY	START - BULLRUN FOSSILPLANT	**	OAK RIDGE	TN	FINDS
37830	1025825626	TNW000000225	TOXCO INC.	SUITE 6002, 2010 HWY 58, EAST TENNE	**	OAK RIDGE	TN	PADS
37830	1022005165		SPUR SERVICE STATION	200 SULLIVAN AVE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1016241635	110007852270	STINSON MARINE INC	205. N T07 Y Y Y		OAK RIDGE	TN	FINDS
37830	1000915833	TND030689434	STINSON MARINE INC	205. N T07 Y Y Y		OAK RIDGE	TN	RCRA-NonGen
37830	1017439004		STINSON MARINE INC	205. N T07 Y Y Y		OAK RIDGE	TN	
37830	S111811383		CLARK'S PRESERVE	TEMPURA ROAD	**	OAK RIDGE	TN	NPDES
37830	1022193475		MORRIS TEXACO SERVICE STATION	E TENN & CENTRAL	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020280019		MORRIS TEXACO SERVICE STATION	E TENN & CENTRAL	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1022090637		BRIDGES FOREST	TENN AVE JACKSON SQ	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1022221703		BRIDGES FOREST	TENN AVE JACKSON SQ	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1000129946	110004982485	PATHOLOGY MEDICAL ASS PC	160 W TENNESSEE AVE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U003609888	2-010090	SMOKEY MOUNTAIN MARKET #61	80 EAST TENNESSEE AVENUE		OAK RIDGE	TN	HIST UST
37830	U004164118		SMOKEY MOUNTAIN MARKET #61	80 EAST TENNESSEE AVENUE		OAK RIDGE	TN	UST
37830	S111797125		K-1007-P3 POND WEIR MAINTENANCE	EAST TENNESSEE TECHNOLOGY PARK	**	OAK RIDGE	TN	NPDES
37830	S111798235		K-1007-P3 POND WEIR MAINTENANCE	EAST TENNESSEE TECHNOLOGY PARK	**	OAK RIDGE	TN	NPDES
37830	1007736107	110018936339	M & EC (PERMA-FIX)	EAST TENNESSEE TECHNOLOGY PARK	**	OAKRIDGE	NC	FINDS
37830	1023963457	37830MTRLSET	MATERIALS & ENERGY CORP	EAST TENNESSEE TECHNOLOGY PARK 2	A, NE, 1/8 - 1/4	OAK RIDGE	TN	TRIS
37830	1016257578	110064413371	SOUTHERN FREIGHT LOGISTICS, LLC	EAST TENNESSEE TECHNOLOGY PARK/I-	**	OAK RIDGE	TN	FINDS
37830	S107459731	2010107	TOWNSITE PANTRY	TENNESSEE & GEORGIA AVES.		OAK RIDGE	TN	LUST
37830	U003609896	2-010107	J AND P (#59)	TENNESSEE AND GEORGIA AVENUE		OAK RIDGE	TN	HIST UST
37830	U004164129		J AND P (#59)	TENNESSEE AND GEORGIA AVENUE		OAK RIDGE	TN	UST
37830	S111812297		CARBON FIBER TECHNOLOGY CENTER	TO THE WEST OF OAK RIDGE TURNPIKE	**	OAK RIDGE	TN	NPDES
37830	98441427			EAST TN TECHNOLOGY PARK	**	OAKRIDGE	TN	ERNS
37830	1020800556		HERRON ROBERT	1289 TPK & MAIN ST	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1022096464		HERRON ROBERT	1289 TPK & MAIN ST	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1024452816	110070380700	OAK RIDGE SENIOR CENTER	200 S. TULANE AVENUE		OAK RIDGE	TN	FINDS
37830	1022963901	110069997431	CITY OF OAK RIDGE	200 SOUTH TULANE AVENUE		OAK RIDGE	TN	FINDS
37830	U003609906	2-010146	MUNICIPAL BUILDING	200 SOUTH TULANE AVENUE		OAK RIDGE	TN	HIST UST, NPDES
37830	1022289843	110070004024	OAK RIDGE MAIN POST OFFICE	301 S. TULANE AVE.		OAK RIDGE	TN	FINDS
37830	S113873579		OAK RIDGE POST OFFICE	301 SOUTH TULANE AVENUE		OAK RIDGE	TN	NPDES, LUST
37830	U002097735	0-010110	OAK RIDGE POST OFFICE	301 SOUTH TULANE AVENUE		OAK RIDGE	TN	HIST UST, UST
37830	1026117111		MAIN STREET APARTMENTS	S. TULANE AVENUE	**	OAK RIDGE	TN	
37830	1026388597	110070686071	MAIN STREET APARTMENTS	S. TULANE AVENUE	**	OAK RIDGE	TN	FINDS
37830	1000398063	110004988274	WASTECH, INC	114 TULSA ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U003609893	2-010096	TURNPIKE EXXON STATION #50904	1201 TURNPIKE	**	OAK RIDGE	TN	HIST UST
37830	1021619809		CLAYTONS EXXON	1201 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	U004164123		TURNPIKE EXXON STATION #50904	1201 TURNPIKE	**	OAK RIDGE	TN	UST
37830	1020511573		D X SERVICE CENTER	1541 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020062674		PHILPOT DRY CLEANERS	1998 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Cleaners
37830	1021999321		ARROW AUTOMOTIVE CORPORATION	2091 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020433222		GASAWAY ESSO SERVICE CENTER	2091 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021789157		HAIRS EDDIE FIRESTONE	798 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1020856941		BULL RUN OIL COMPANY INC	866 TURNPIKE	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	1021846215		VERMONT GATEWAY SHELL SV STN	TURNPIKE & RUTGERS ST	**	OAK RIDGE	TN	EDR Historical Auto Stations
37830	S118710310		SMITH J D	197 TUSCULUM DR C		OAK RIDGE	TN	CDL
37830	1000917887	110004975652	HALLMARK AT OAK RIDGE	480 TUSKEGEE DRIVE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	S111792700		HALLMARK AT OAK RIDGE	480 TUSKEGEE DRIVE		OAK RIDGE	TN	NPDES
37830	S111811025		HALLMARK AT OAK RIDGE	480 TUSKEGEE DRIVE		OAK RIDGE	TN	NPDES
37830	1026401799	110070708257	GROVES PARK COMMONS (FORMERLY S	795 TUSKEGEE DRIVE		OAK RIDGE	TN	FINDS
37830	1026136600		GROVES PARK COMMONS (FORMERLY S	795 TUSKEGEE DRIVE		OAK RIDGE	TN	
37830	1001483383	110004984214	Q C PHOTOGRAPHIC PROCESSING INC	206 TYLER RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1020002663		HEARON WILLIAM S	127 E TYRONE ROAD		OAK RIDGE	TN	EDR Historical Cleaners
37830	1000917705	110004974644	REGIONAL MNTL HLTH CTR OK RDG	240 WEST TYRONE RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1019954997		CIPOLLONI TAILORS & CLEANERS	TYRONE RD	**	OAK RIDGE	TN	EDR Historical Cleaners
37830	1006332900		SPECTRUM TECHNIQUES, INC.	106 UNION VALLEY ROAD		OAK RIDGE	TN	MLTS
37830	1006754759	110012173398	MIRION TECHNOLOGIES (CANBERRA), INI	107 UNION VALLEY ROAD		OAK RIDGE	TN	FINDS

### EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
37830	S107861083		MIRION TECHNOLOGIES (CANBERRA), INI	107 UNION VALLEY ROAD		OAK RIDGE	TN	AIRS, NPDES
37830	1014837553	110042192132	VISIONARY SOLUTIONS, LLC	111 UNION VALLEY ROAD, SUITE B		OAK RIDGE	TN	FINDS
37830	1014401477	TNR000030114	VISIONARY SOLUTIONS, LLC	111 UNION VALLEY ROAD, SUITE B		OAK RIDGE	TN	RCRA-NonGen
37830	1010460870	110031381010	INTERSTATE VENTURES INC. D/B/A VISIO	111B UNION VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	1010332538	TNR000023390	INTERSTATE VENTURES, INC.	111B UNION VALLEY ROAD	**	OAK RIDGE	TN	RCRA-NonGen
37830	1001121067	TNR000002725	U.S. DOE, UNION VALLEY FACILITY	113 C UNION VALLEY ROAD		OAK RIDGE	TN	PADS, RCRAInfo-SQG
37830	1016203857	110005003986	U S DOE UNION VALLEY FACILITY	113-C UNION VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	1008892449	TNR000021402	COMMODORE ADVANCED SCIENCES, INC	114 UNION VALLEY ROAD		OAK RIDGE	TN	RCRA-NonGen
37830	1008913928	110024258765	COMMODORE ADVANCED SCIENCES, INC	114 UNION VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	1024227621	110070224956	U.S. DOE, OAK RIDGE NATIONAL LABORA	115A UNION VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	1024894112	TNR000043729	U.S. DOE, OAK RIDGE NATIONAL LABORA	115A UNION VALLEY ROAD		OAK RIDGE	TN	RCRA-NonGen
37830	1024130982		U.S. DOE, OAK RIDGE NATIONAL LABORA	115A UNION VALLEY ROAD		OAK RIDGE	TN	
37830	1024922610		OAK RIDGE QUARRY & MILL	250 UNION VALLEY ROAD		OAK RIDGE	TN	
37830	1005532247	110009790119	ROGERS GROUP, INC. - OAK RIDGE QUAF	250 UNION VALLEY ROAD		OAK RIDGE	TN	ICIS, FINDS
37830	U003609885	2-010085	ROGERS GROUP INC.	250 UNION VALLEY ROAD		OAK RIDGE	TN	HIST UST, AIRS, NPDES, SPILLS
37830	1018352648	110063915517	APAC ATLANTIC, INC. HARRISON DIVISIO	250 UNION VALLEY ROAD		OAK RIDGE	TN	FINDS
37830	U004164114		ROGERS GROUP INC.	250 UNION VALLEY ROAD		OAK RIDGE	TN	UST
37830	S113245674		TENNESEE SMART CENTER	UNION VALLEY ROAD	**	OAK RIDGE	TN	NPDES
37830	1003869813	TN0001574714	OAK RIDGE CITY DUMP	UNION VALLEY ROAD (@ILLINOIS AVE S)		OAK RIDGE	TN	CERCLIS-NFRAP
37830	1023649299	110070059600	METHODIST MEDICAL CENTER OF OAK R	UNKNOWN	**	OAK RIDGE	TN	FINDS
37830	S121927258		METHODIST MEDICAL CENTER OF OAK R	UNKNOWN		OAK RIDGE	TN	AIRS
37830	1025426791		RBM SERVICES, LLC	101B VALLEY COURT		OAK RIDGE	TN	MLTS
37830	1024027510	110070146708	ZYP COATINGS INC	102 VALLEY COURT		OAK RIDGE	TN	FINDS
37830	1026459114	110070819403	ZYP COATINGS	120 VALLEY CT		OAK RIDGE	TN	FINDS
37830	1000918346	110004978347	ANCILLARY PHYSICIAN'S SERVICES, INC.	145 E VANCE ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000190768	TN6890090016	U.S. DOE ORAU MEDICAL & HEALTH SCI	VANCE ROAD	**	OAK RIDGE	TN	RCRA-CESQG
37830	1000917708	110004974671	SMITH DUPONT ENTERPRISES INC	106 VERBENA DRIVE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1022930312		SMITH DUPONT ENTERPRISES INC	106 VERBENA RD		OAK RIDGE	TN	
37830	1022287301	110069597797	INDUSTRIAL LANDFILL IV - AREA 2 PHASE	MT. VERNON ROAD	**	OAK RIDGE	TN	FINDS
37830	S116233624			312 VIRGINIA ROAD		OAK RIDGE	TN	
37830	1022155519		CONVENIENT FOOD MART 437	112 WADE LN		OAK RIDGE	TN	EDR Historical Auto Stations
37830	1007997487	110020805137	WALKER BRANCH ROAD	WALKER BRANCH ROAD		OAK RIDGE	TN	FINDS
37830	1000918784	110004999057	CHAMBERS TOOL & MACHINERY CO	205 WAREHOUSE RD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000883042	110007843922	OAK RIDGE ASSOCIATED UNIVERSITIES	230 WAREHOUSE ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000916785	110004969543	TENNESSEE TOOL & ENGINEERING, INC.	233 WAREHOUSE ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000914947	110004957556	WAGNER & SONS INC	246 WAREHOUSE ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1020684067		NICKYS TIRE WAREHOUSE	328 WAREHOUSE RD		OAK RIDGE	TN	EDR Historical Auto Stations
37830	U003609873	2-010058	NICKY'S TIRE WAREHOUSE	328 WAREHOUSE ROAD		OAK RIDGE	TN	HIST UST
37830	U004164102		NICKY'S TIRE WAREHOUSE	328 WAREHOUSE ROAD		OAK RIDGE	TN	LUST TRUST, LUST, UST
37830	1000917740	110004974859	NEAL TOOL & MACHINE CO	381 WAREHOUSE ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1000695954	110004996390	BROWNING FERRIS IND OF TN INC	400 WAREHOUSE		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U003609913	2-010154	BROWNING-FERRIS IND.	400 WAREHOUSE ROAD		OAK RIDGE	TN	HIST UST, NPDES
37830	U004164152		BROWNING-FERRIS IND.	400 WAREHOUSE ROAD		OAK RIDGE	TN	UST
37830	1022934369	110034148571	OAK RIDGE HAULING	400 WAREHOUSE ROAD, (EAST END OF C		OAK RIDGE	TN	FINDS
37830	1000918752	TND990647794	AUTO HAUL CORPORATION	B-10 WAREHOUSE	**	OAK RIDGE	TN	RCRA-NonGen
37830	1016257140	110008128427	AUTO HAUL CORPORATION	B-10 WAREHOUSE	**	OAK RIDGE	TN	FINDS
37830	1016241811	110007854768	BARGER TRANSFER CO INC	WAREHOUSE RD	**	OAK RIDGE	TN	FINDS
37830	1000916139	TND042452052	BARGER TRANSFER CO INC	WAREHOUSE RD	**	OAK RIDGE	TN	RCRA-NonGen
37830	1000915039	110004958136	TASCO INC	327 WATERHOUSE ROAD		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	1022963323	110069996849	COMMUNICATION INSTALLATION - PROJE	WHITE WING ROAD AND BEAR CREEK RC		OAK RIDGE-TN	TN	FINDS
37830	1026596704		GASSOWAY GARAGE	16 WILBERFORCE AVENUE		OAK RIDGE	TN	PRP
37830	1018497730		HALE BAKER CO INC	288 WILSON ST		OAK RIDGE	TN	EDR Historical Cleaners
37830	1004782149	110001864000	A-MARK 1 HR. DRY CLEANERS	288 WILSON STREET		OAK RIDGE	TN	RCRA-NonGen, FINDS
37830	U003609920	2-010166	FIRESTONE STORE PARCEL #707	WILSON ROAD AT WEST MAIN ST.		OAK RIDGE	TN	HIST UST
37830	U004164159		FIRESTONE STORE PARCEL #707	WILSON ROAD AT WEST MAIN STREET		OAK RIDGE	TN	LUST, UST
37830	1012310022	110040430263	CITY OF OAKRIDGE ELECTRIC DEPARTM	100 WOODBURY LANE		OAKRIDGE	TN	FINDS
37830	1001122487	2-010205	FIRST STUDENT, INC #11850	100 WOODBURY LANE		OAK RIDGE	TN	HIST UST, NPDES, LUST, UST
37830	1001183961	110004953765	CENTRAL SERVICE CENTER	100 WOODBURY LN		OAK RIDGE	TN	PADS, ICIS, RCRA-CESQG, FINDS
37830	1000918722	TND990647141	A B C OFFICE SUPPLY COMPANY	N Y Y Y	**	OAK RIDGE	TN	RCRA-NonGen

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: N/A
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: N/A
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 03/30/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 35

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 800-424-9346
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020	Source: EPA
Date Data Arrived at EDR: 12/17/2020	Telephone: 800-424-9346
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 03/23/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 03/23/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 03/23/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 03/23/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 03/23/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 02/08/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 02/23/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 02/23/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020  
Date Data Arrived at EDR: 12/15/2020  
Date Made Active in Reports: 12/22/2020  
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 12/15/2020  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Quarterly

## **State- and tribal - equivalent NPL**

### SHWS: Promulgated Sites

"Inactive hazardous substance sites that constitute an imminent, substantial danger" is an inactive hazardous substance site where there is a threat of danger to the public health, safety, or environment which is both real and presently existing. Such situations may include, but are not limited to one or more of the following: an immediate action is necessary to minimize an ongoing threat to the public health or pollution of the environment, an inactive hazardous substance site where there is an active release, where direct access to the hazardous substance is not controlled, or where incompatible hazardous substances are found in close proximity. Also known as Promulgated Sites List.

Date of Government Version: 12/23/2020  
Date Data Arrived at EDR: 12/23/2020  
Date Made Active in Reports: 03/16/2021  
Number of Days to Update: 83

Source: Department of Environment & Conservation  
Telephone: 615-532-0900  
Last EDR Contact: 12/23/2020  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Semi-Annually

## **State and tribal landfill and/or solid waste disposal site lists**

### SWF/LF: Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 02/23/2021  
Number of Days to Update: 76

Source: Department of Environment and Conservation  
Telephone: 615-532-0804  
Last EDR Contact: 03/10/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Quarterly

### SWM COMPLAINTS: Solid Waste Management Complaints

A listing of reported complaints related to the Solid Waste Management division.

Date of Government Version: 11/19/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 78

Source: Department of Environment & Conservation  
Telephone: 615-532-0780  
Last EDR Contact: 02/24/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Varies

## **State and tribal leaking storage tank lists**

### LUST: Fund Eligible Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank site locations.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 11/11/2020  
Date Made Active in Reports: 01/29/2021  
Number of Days to Update: 79

Source: Department of Environment and Conservation  
Telephone: 615-532-0945  
Last EDR Contact: 02/10/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-7439
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3372
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6271
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-8677
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020	Source: EPA Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

LUST TRUST: LUST TRUST Fund Database

This list contains information on sites that had accidental releases of petroleum and are eligible for reimbursement from the TN Petroleum UST Fund.

Date of Government Version: 10/01/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 11/11/2020	Telephone: 615-532-0971
Date Made Active in Reports: 01/29/2021	Last EDR Contact: 02/10/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Semi-Annually

HIST\_LUST CO: Leaking Underground Storage Tanks Sites

A listing of leaking underground storage tank site locations from the Columbia Field Office. The listing is no longer updated.

Date of Government Version: 10/18/1994	Source: Department of Environmental Conservation, Columbia Field Office
Date Data Arrived at EDR: 10/24/1994	Telephone: 931-380-3371
Date Made Active in Reports: 12/30/1994	Last EDR Contact: 06/29/2009
Number of Days to Update: 67	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: No Update Planned

## ***State and tribal registered storage tank lists***

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021	Source: FEMA
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 01/04/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

UST: Facility and Tank Report

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/01/2020	Source: Department of Environment and Conservation
Date Data Arrived at EDR: 11/11/2020	Telephone: 615-532-0945
Date Made Active in Reports: 01/29/2021	Last EDR Contact: 02/10/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 10/01/1999	Source: Department of Environment and Conservation
Date Data Arrived at EDR: 10/12/1999	Telephone: 615-532-0965
Date Made Active in Reports: 11/05/1999	Last EDR Contact: 01/19/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/15/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

### ***State and tribal institutional control / engineering control registries***

#### ENG CONTROLS: Engineering Control Sites

Sites that have engineering controls.

Date of Government Version: 11/09/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 11/11/2020	Telephone: 615-532-0900
Date Made Active in Reports: 01/29/2021	Last EDR Contact: 02/01/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Semi-Annually

#### INST CONTROL: Institutional Control Sites

Sites that have institutional controls.

Date of Government Version: 11/09/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 11/11/2020	Telephone: 615-532-0900
Date Made Active in Reports: 01/29/2021	Last EDR Contact: 02/10/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Semi-Annually

### ***State and tribal voluntary cleanup sites***

#### SRP: State Remediation Program List

The State Remediation Program (SRP) was established in 1994 within the Division of Solid Waste Management for the purpose of providing owners, prospective purchasers and other interested parties the means to voluntarily investigate, clean up or monitor contaminated sites not regulated under RCRA, CERCLA or the Tennessee Division of Underground Tanks (UST).

Date of Government Version: 12/23/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 12/23/2020	Telephone: 615-532-0853
Date Made Active in Reports: 03/16/2021	Last EDR Contact: 12/23/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/22/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## VCP: Voluntary Cleanup, Oversight and Assistance Program Sites

The Voluntary Cleanup Oversight and Assistance Program (VOAP) offers people the opportunity to work proactively with state government to address necessary cleanup of a property to return it to productive use. In return for their efforts, participants can receive a No Further Action letter and a release of liability for areas where investigation and cleanup is conducted. The program is open to everyone with an interest in addressing contamination at a site.

Date of Government Version: 12/23/2020	Source: Department of Environmental & Conservation
Date Data Arrived at EDR: 12/23/2020	Telephone: 615-532-0912
Date Made Active in Reports: 03/16/2021	Last EDR Contact: 12/23/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

### **State and tribal Brownfields sites**

#### BROWNFIELDS: Superfund VOAP Listing

Brownfields sites included on the Superfund Voluntary Cleanup, Oversight & Assistance Program listing.

Date of Government Version: 12/23/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 12/23/2020	Telephone: 615-532-0912
Date Made Active in Reports: 03/16/2021	Last EDR Contact: 12/23/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/11/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/11/2020	Telephone: 202-566-2777
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 03/16/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/28/2021
	Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### SWRCY: Recycling Facilities Listing

A listing of recycling facility locations.

Date of Government Version: 12/07/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 12/09/2020	Telephone: 615-532-8657
Date Made Active in Reports: 02/23/2021	Last EDR Contact: 03/10/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/25/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/29/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 03/02/2021  
Number of Days to Update: 83

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: No Update Planned

### CDL: Registry of Contaminated Properties

Pursuant to TCA 68212509 the following properties have been quarantined because of methamphetamine production, but have not been cleaned and certified within the 60day time frame allotted by the statute. These properties are hereby registered by the Tennessee Department of Environment and Conservation as unremediated methamphetamine sites. This is not a comprehensive list of quarantined properties. These are properties that TDEC has been notified as being quarantined, but have not been cleaned within the 60 day grace period. Other properties where methamphetamine production residues are a concern may not have been quarantined, may not have been reported to TDEC, or may not have passed the 60day grace

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/05/2020  
Date Data Arrived at EDR: 10/27/2020  
Date Made Active in Reports: 01/19/2021  
Number of Days to Update: 84

Source: Department of Environment & Conservation  
Telephone: 615-532-0900  
Last EDR Contact: 01/27/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Quarterly

## PRIORITY CLEANERS: DCERP Remediation Sites Listing

Drycleaner Environmental Response Program remediation sites.

Date of Government Version: 10/12/2020  
Date Data Arrived at EDR: 10/13/2020  
Date Made Active in Reports: 01/05/2021  
Number of Days to Update: 84

Source: Department of Environment & Conservation  
Telephone: 615-253-3876  
Last EDR Contact: 01/13/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Annually

## DEL SHWS: Deleted State Hazardous Waste Sites

A listing of sites removed from the Promulgated Sites Listing.

Date of Government Version: 12/23/2020  
Date Data Arrived at EDR: 12/23/2020  
Date Made Active in Reports: 03/16/2021  
Number of Days to Update: 83

Source: Department of Environment & Conservation  
Telephone: 615-532-0900  
Last EDR Contact: 12/23/2020  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Semi-Annually

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 03/02/2021  
Number of Days to Update: 83

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/22/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of sites where PFAS has been detected to date.

Date of Government Version: 02/18/2020  
Date Data Arrived at EDR: 02/18/2020  
Date Made Active in Reports: 04/23/2020  
Number of Days to Update: 65

Source: Department of Environment & Conservation  
Telephone: 615-532-5281  
Last EDR Contact: 02/19/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## **Local Lists of Registered Storage Tanks**

### HIST UST: Underground Storage Tank Database

This database is no longer updated by the agency. It contains records and detail fields that the current UST database does not.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 11/11/2020  
Date Made Active in Reports: 01/29/2021  
Number of Days to Update: 79

Source: Department of Environment & Conservation  
Telephone: 615-532-0945  
Last EDR Contact: 02/10/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: No Update Planned

## **Local Land Records**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LIENS: Liens Information

A listing of sites with environmental liens information.

Date of Government Version: 03/10/2015	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 04/07/2015	Telephone: 615-532-0900
Date Made Active in Reports: 04/30/2015	Last EDR Contact: 03/30/2021
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Varies

## LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/30/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 03/04/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/16/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/17/2020	Telephone: 202-366-4555
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 03/24/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

### SPILLS: State Spills

A listing of spills locations.

Date of Government Version: 01/05/2015	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 01/06/2015	Telephone: 615-532-0109
Date Made Active in Reports: 02/10/2015	Last EDR Contact: 03/30/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Varies

### SPILS: Statewide Petroleum Incident Logging Section

SPILS is a program within TDEC's Division of Solid Waste Management (DSWM). This program logs incidents along Tennessee's roadways where a reportable quantity of petroleum products is released to the environment, ensuring that appropriate cleanup standards are applied, remediation activities are completed, and final reports detailing the response are received and reviewed. Once an incident has been remediated, SPILS will issue a closure letter for the Responsible Party's file.

Date of Government Version: 11/17/2020	Source: Department of Environment & Conservation
Date Data Arrived at EDR: 11/18/2020	Telephone: 615-532-0780
Date Made Active in Reports: 02/05/2021	Last EDR Contact: 02/22/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2020  
Date Data Arrived at EDR: 12/17/2020  
Date Made Active in Reports: 12/22/2020  
Number of Days to Update: 5

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Quarterly

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020  
Date Data Arrived at EDR: 11/17/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/15/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/07/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/09/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/14/2020  
Date Data Arrived at EDR: 12/17/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/02/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/05/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 03/19/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/28/2021
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 02/02/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/31/2021
	Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/20/2021	Source: EPA
Date Data Arrived at EDR: 01/21/2021	Telephone: 202-564-4203
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 01/21/2021
Number of Days to Update: 60	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/18/2021  
Number of Days to Update: 35

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020  
Date Data Arrived at EDR: 11/12/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 74

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/19/2021  
Next Scheduled EDR Contact: 05/03/2021  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/05/2021  
Number of Days to Update: 50

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 03/11/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020  
Date Data Arrived at EDR: 01/08/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 73

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/08/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/05/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 03/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/25/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/27/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 01/13/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/22/2020  
Date Made Active in Reports: 11/20/2020  
Number of Days to Update: 151

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/08/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 02/02/2021  
Next Scheduled EDR Contact: 05/17/2021  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/18/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 03/04/2021  
Next Scheduled EDR Contact: 04/12/2021  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020  
Date Data Arrived at EDR: 11/30/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 03/01/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 01/25/2021  
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/24/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 06/06/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 02/26/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020	Source: Department of Interior
Date Data Arrived at EDR: 12/11/2020	Telephone: 202-208-2609
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 03/10/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/21/2021
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020	Source: EPA
Date Data Arrived at EDR: 12/01/2020	Telephone: (404) 562-9900
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 03/03/2021
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-564-2280
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 01/08/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2020	Telephone: 202-564-0527
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 02/26/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 07/02/2020  
Date Made Active in Reports: 09/17/2020  
Number of Days to Update: 77

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 01/15/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 33

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Quarterly

## AIRS: Listing of Permitted Sources

A listing of permitted sources issued by the Division of Air Pollution Control.

Date of Government Version: 10/26/2020  
Date Data Arrived at EDR: 10/27/2020  
Date Made Active in Reports: 01/19/2021  
Number of Days to Update: 84

Source: Department of Environment & Conservation  
Telephone: 615-532-0545  
Last EDR Contact: 01/27/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Varies

## DRYCLEANERS: Registered Facilities List

A list of all active registered drycleaner facilities, There may be some inactive facilities included.

Date of Government Version: 06/24/2020  
Date Data Arrived at EDR: 07/14/2020  
Date Made Active in Reports: 09/29/2020  
Number of Days to Update: 77

Source: Dept. of Environment & Conservation  
Telephone: 615-532-0900  
Last EDR Contact: 01/15/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Annually

## LEAD CERT: Lead Safe Housing Registry

A listing of Tennessee properties that have achieved a lead safe designation.

Date of Government Version: 02/25/2019  
Date Data Arrived at EDR: 02/26/2019  
Date Made Active in Reports: 06/13/2019  
Number of Days to Update: 107

Source: Department of Environment & Conservation  
Telephone: 615-532-8011  
Last EDR Contact: 03/01/2021  
Next Scheduled EDR Contact: 06/14/2021  
Data Release Frequency: Varies

## NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 11/13/2020  
Date Data Arrived at EDR: 11/13/2020  
Date Made Active in Reports: 01/29/2021  
Number of Days to Update: 77

Source: Department of Environment & Conservation  
Telephone: 615-253-2245  
Last EDR Contact: 02/17/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Quarterly

## VAPOR: Vapor Intrusion

A listing of sites that have a potential for vapor intrusion

Date of Government Version: 07/13/2018  
Date Data Arrived at EDR: 07/20/2018  
Date Made Active in Reports: 09/19/2018  
Number of Days to Update: 61

Source: Department of Environment & Conservation  
Telephone: 615-532-0930  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 02/26/2021  
Next Scheduled EDR Contact: 09/10/2018  
Data Release Frequency: Varies

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 12/30/2020  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 01/04/2021  
Next Scheduled EDR Contact: 04/19/2021  
Data Release Frequency: Semi-Annually

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment and Conservation in Tennessee.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/15/2014  
Number of Days to Update: 198

Source: Department of Environment and Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment and Conservation in Tennessee.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environment and Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/10/2020  
Date Data Arrived at EDR: 10/20/2020  
Date Made Active in Reports: 11/02/2020  
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/12/2021  
Next Scheduled EDR Contact: 05/24/2021  
Data Release Frequency: No Update Planned

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 04/29/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 01/29/2021  
Next Scheduled EDR Contact: 05/10/2021  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/11/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 02/24/2021  
Number of Days to Update: 13

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/09/2021  
Next Scheduled EDR Contact: 05/31/2021  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019  
Date Data Arrived at EDR: 10/29/2019  
Date Made Active in Reports: 01/09/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 01/11/2021  
Next Scheduled EDR Contact: 04/26/2021  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/08/2021  
Next Scheduled EDR Contact: 06/21/2021  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Listing

Source: Department Of Human Services

Telephone: 615-313-4778

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Environment & Conservation

Telephone: 651-532-0052

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

PROPOSED OAK RIDGE AIRPORT PROPERTY  
HERITAGE CENTER BOULEVARD  
HARRIMAN, TN 37748

### **TARGET PROPERTY COORDINATES**

Latitude (North):	35.927989 - 35° 55' 40.76"
Longitude (West):	84.389689 - 84° 23' 22.88"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	735506.0
UTM Y (Meters):	3978910.2
Elevation:	780 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5942139 ELVERTON, TN
Version Date:	2013
East Map:	5943546 BETHEL VALLEY, TN
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

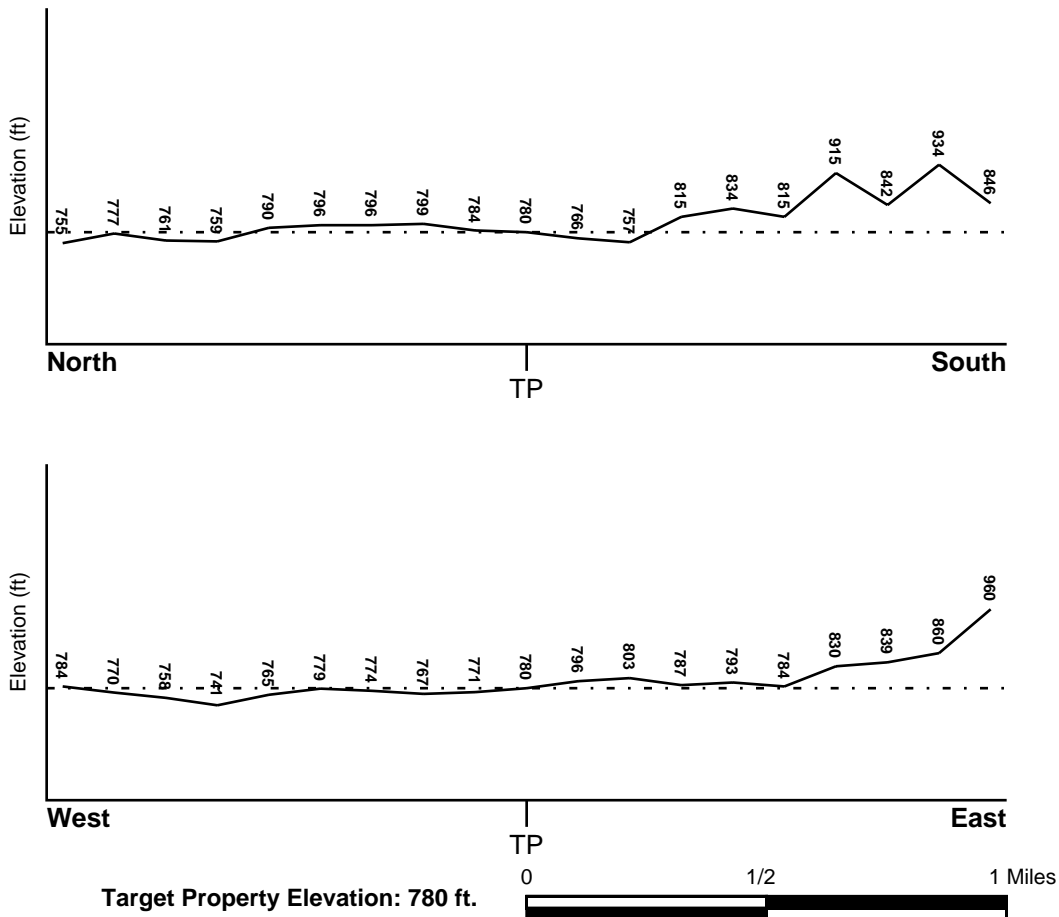
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
47129C0450C	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
47105C0025D	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
ELVERTON	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Paleozoic  
System: Ordovician  
Series: Ordovician  
Code: O (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: COLLEGEDALE

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
2	6 inches	80 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 5.50 Min: 4.50

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt clay loam  
loam  
shaly - silt loam

Surficial Soil Types: silt clay loam  
loam  
shaly - silt loam

Shallow Soil Types: silt loam  
silty clay  
shaly - silty clay  
clay

Deeper Soil Types: clay  
silty clay loam  
cherty - silt loam  
unweathered bedrock  
silt loam  
clay loam  
sandy loam  
weathered bedrock

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1.000 miles
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40001147045	1/2 - 1 Mile North
2	USGS40001147033	1/2 - 1 Mile NW
3	USGS40001147006	1/2 - 1 Mile West
4	USGS40001147029	1/2 - 1 Mile WNW
5	USGS40001147009	1/2 - 1 Mile West
6	USGS40001147041	1/2 - 1 Mile NW
7	USGS40001147047	1/2 - 1 Mile NNW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

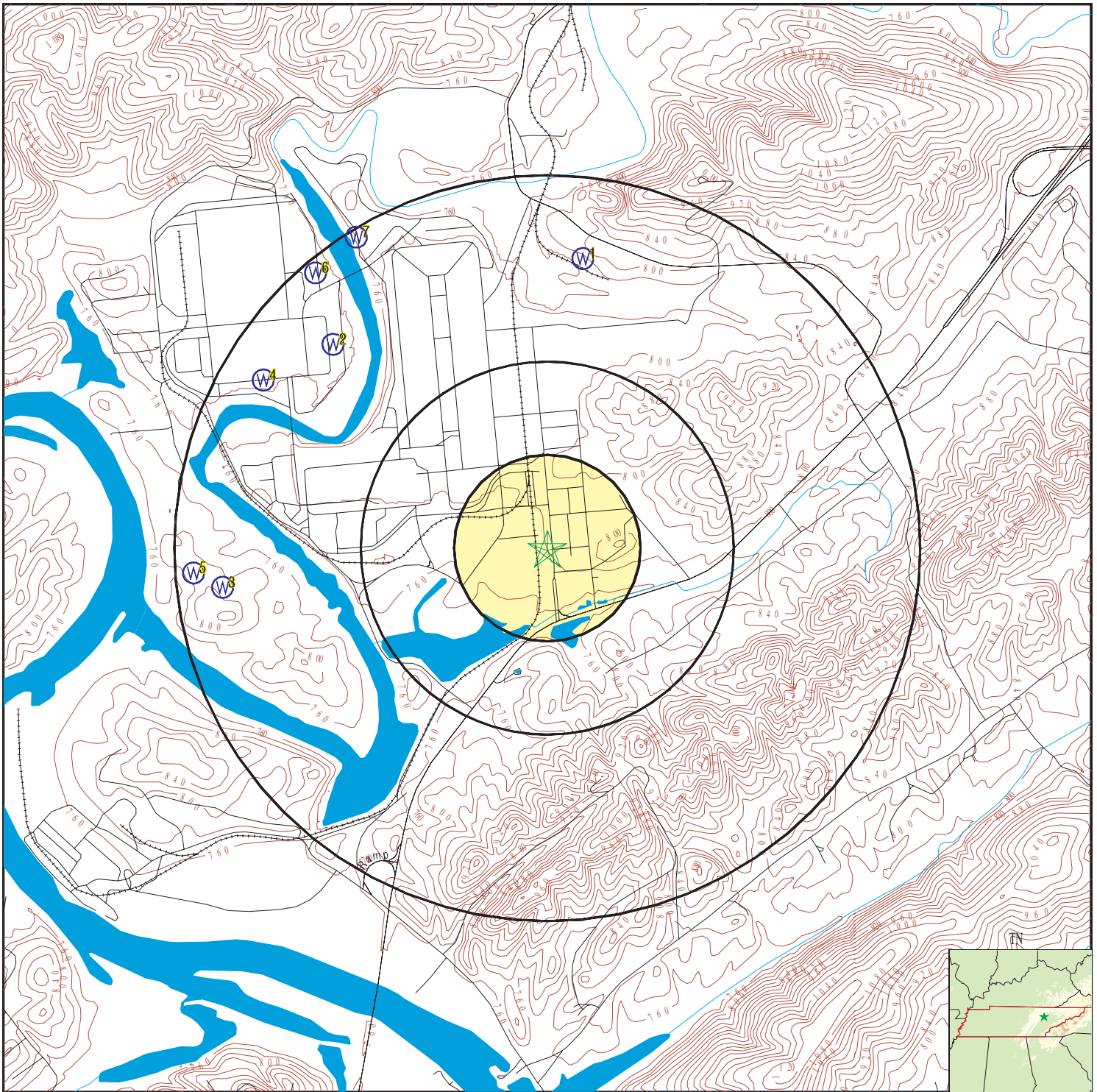
Note: PWS System location is not always the same as well location.








## STATE DATABASE WELL INFORMATION




<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		



# PHYSICAL SETTING SOURCE MAP - 6430281.2s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location

0 1/4 1/2 1 Miles



SITE NAME: Proposed Oak Ridge Airport Property  
 ADDRESS: Heritage Center Boulevard  
 Harriman TN 37748  
 LAT/LONG: 35.927989 / 84.389689

CLIENT: S&ME  
 CONTACT: Tim Schalk  
 INQUIRY #: 6430281.2s  
 DATE: March 31, 2021 2:36 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001147045**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-13 K-25	Type:	Well
Description:	Not Reported	HUC:	06010207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**2**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001147033**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-30 K-25	Type:	Well
Description:	Not Reported	HUC:	06010207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**3**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001147006**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-21 K-25	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**4**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001147029**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-66 K-25	Type:	Well
Description:	Not Reported	HUC:	06010207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**5**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40001147009**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-24 K-25	Type:	Well
Description:	Not Reported	HUC:	06010207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**6**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001147041**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-63 K-25	Type:	Well
Description:	Not Reported	HUC:	06010207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**7**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40001147047**

Organization ID:	USGS-TN	Organization Name:	USGS Tennessee Water Science Center
Monitor Location:	Ro:L BRW-61 K-25	Type:	Well
Description:	Not Reported	HUC:	06010207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: TN Radon

### Radon Test Results

County	Total Sites	Avg	Max	<4 pCi/L	4-10 pCi/L	10-20 pCi/L	20-50 pCi/L	50-100 pCi/L	>100 pCi/L
ROANE	10	5.4	20.5	5	4	0	1	0	0

Federal EPA Radon Zone for ROANE County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 37748

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.433 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	35.367 pCi/L	67%	0%	33%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Environment & Conservation

Telephone: 651-532-0052

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### County Water Wells in Tennessee

Source: Department of Environment and Conservation

Telephone: 615-532-0160

Water well locations for the entire state.

#### Oil and Gas Well Database

Department of Environment & Conservation

Telephone: 615-687-7109

A listing of locations of oil and gas well permits issued across the state.

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: TN Radon

Source: Department of Environment & Conservation

Telephone: 615-299-9725

Radon Test Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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# Tier 1 Vapor Encroachment Screening Report

## ◆ Introduction

S&ME has conducted a Phase I Environmental Site Assessment (ESA) for the proposed Oak Ridge Airport northeast of Oak Ridge Turnpike in Oak Ridge, Tennessee. The Phase I ESA was performed in accordance with American Society for Testing and Materials (ASTM) E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2013), which requires the consideration of confirmed or potential releases of hazardous substances and/or petroleum products that may pose a threat of contamination to the subject property, including an evaluation of the potential migration of vapors. The evaluation of potential migration of contaminant vapors for this Phase I ESA, herein referred to as a Tier 1 Vapor Encroachment Screening (VES), was accomplished utilizing procedures described as Tier 1 Screening in ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (ASTM 2015) and, if applicable, using the refined search distances presented by Buonicore (2009), as described below.

## ◆ Purpose

The purpose of this VES is to assist in evaluating the existence of Vapor Encroachment Conditions (VECs) at the subject property. The VES was performed to identify releases or potential releases of chemicals of concern on or near the subject property and to evaluate the likelihood of vapors migrating from the releases via the subsurface to the subject property. The presence or likely presence of vapors containing chemicals of concern in the subsurface of the subject property constitutes a VEC and may also constitute a *recognized environmental condition* (REC), as defined by ASTM E1527-13.

## ◆ Evaluation Process

The following information was reviewed during the Tier 1 VES to identify releases or potential releases of chemicals of concern on or near the subject property and to evaluate the likelihood of vapors migrating from the releases via the subsurface to the subject property:

- The type of contaminant (petroleum product vs. non-petroleum product known or suspected to have been stored on-site or at identified off-site sources;
- The distance between identified off-site sources and the nearest subject property boundary;
- Information of known or assumed groundwater flow directions(s) with respect to the subject property;
- The potential for preferential pathways or barriers to exist between the identified off-site sources and the subject property boundary; and,
- Physical setting and other information sources.

The ASTM E 2600-15 Tier 1 Screening process recommends initial screening distances to estimate contaminant plume length and width with no empirical plume data. In cases where the direction of groundwater flow is known or can be reasonably assumed, those distances were refined under a conservative scenario using calculations presented by Buonicore (2009). The resulting vapor screening distances (*i.e.*, distances from a potential off-site contaminant source to the nearest boundary of the subject property) are presented in Table 1 with respect to the type of contaminant and the known or presumed direction of groundwater flow.



**Table 1 - VES Area of Concern (AOC) Screening Distances**

Contaminant Type	Source Location with respect to the nearest Subject Property boundary and considering known or assumed groundwater flow direction <sup>(3)</sup>		
	Up-gradient	Cross-gradient	Down-gradient
Non-petroleum COC <sup>(1)</sup> (see ASTM E 2600-15, Appendix X6)	1,760 feet (1/3 <sup>rd</sup> mile)	365 feet	100 feet
Petroleum COC NAPL <sup>(2)</sup>	528 feet (1/10 <sup>th</sup> mile)	165 feet	100 feet
Petroleum COC Dissolved	528 feet (1/10 <sup>th</sup> mile)	95 feet	30 feet

Notes: (1) COC – Chemicals of Concern  
 (2) NAPL – Non Aqueous Phase Liquid (*i.e.*, free product)  
 (3) Groundwater Flow Direction – if not known or assumed, use search distance of 1,760 feet for up-gradient, cross-gradient, and down-gradient

## ◆ Results

USDOE records document the presence of contaminated groundwater and soil on the subject property, in and around the former K-1200 Centrifuge Demonstration Complex. Based upon the presence of contaminants on the subject property, the subject property was identified as a potential vapor contaminant source. Potential off-site contaminant sources were evaluated with respect to the process, screening distances, type of contaminant, and known or assumed groundwater flow direction. No off-site facilities were identified within the AOC relative to the subject property.

## ◆ Conclusion

Based on the processes described herein, the following conclusions were drawn from this VES:


A VEC exists on the subject property.

No offsite facilities were identified within the AOC screening distances considering assumed groundwater flow direction.

## ◆ References

- American Society for Testing and Materials. 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-13, Philadelphia, PA.
- American Society for Testing and Materials. 2015. Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions E 2600-15, Philadelphia, PA.
- Buonicore, A.J. 2009. A Smaller Intrusion. pp. 26-31, May 2009.

## ◆ Signature of Environmental Professional



Timothy S. Schalk  
 Environmental Professional



Eric M. Solt, PG  
 Senior Reviewer

## **Appendix III – Historical Research Documentation**



## **Proposed Oak Ridge Airport Property**

Heritage Center Boulevard

Harriman, TN 37748

Inquiry Number: 6430281.8

April 01, 2021

# **The EDR Aerial Photo Decade Package**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

04/01/21

**Site Name:**

Proposed Oak Ridge Airport Pr  
Heritage Center Boulevard  
Harriman, TN 37748  
EDR Inquiry # 6430281.8

**Client Name:**

S&ME  
1413 Topside Road  
Louisville, TN 37777  
Contact: Tim Schalk



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
1997	1"=500'	Acquisition Date: March 07, 1997	USGS/DOQQ
1992	1"=750'	Flight Date: March 16, 1992	USGS
1987	1"=500'	Flight Date: June 06, 1987	USDA
1976	1"=500'	Flight Date: March 17, 1976	USGS

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INQUIRY #: 6430281.8

YEAR: 2016

— = 500'





INQUIRY #: 6430281.8

YEAR: 2012

— = 500'





INQUIRY #: 6430281.8

YEAR: 2008

— = 500'





INQUIRY #: 6430281.8

YEAR: 1997

— = 500'



Subject boundary not shown because it e





INQUIRY #: 6430281.8

YEAR: 1992

 = 750'





INQUIRY #: 6430281.8

YEAR: 1987

— = 500'





INQUIRY #: 6430281.8

YEAR: 1976

— = 500'



**Proposed Oak Ridge Airport Property**

Heritage Center Boulevard  
Harriman, TN 37748

Inquiry Number: 6430281.5  
April 01, 2021

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

*infoUSA*<sup>®</sup>

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

## FINDINGS

### TARGET PROPERTY STREET

Heritage Center Boulevard  
Harriman, TN 37748

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### HERITAGE CENTER BOULEVARD

2017	-	EDR Digital Archive	Street not listed in Source
2014	-	EDR Digital Archive	Street not listed in Source
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### HIGHWAY 58

2017	pg. A1	EDR Digital Archive	
2014	pg. A2	EDR Digital Archive	
2010	pg. A3	EDR Digital Archive	
2005	pg. A4	EDR Digital Archive	
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source



## **City Directory Images**

**HIGHWAY 58 2017**

2010 DIENAMIC TOOLING SYSTEMS  
EAGLE CONSTRUCTION & ENVIRONMENTAL  
INFRARED HEATING TECHNOLOGIES INC  
MATERIALS & ENERGY CORPORATION  
SOUTHERN APPALACHIA RAILWAY MUSEUM  
SOUTHERN FREIGHT LOGISTICS

**HIGHWAY 58      2014**

2010    EAGLE CONSTRUCTION & ENVIRONMENTAL  
         INFRARED HEATING TECHNOLOGIES INC  
         MATERIALS & ENERGY CORPORATION  
         SOUTHERN APPALACHIA RAILWAY MUSEUM  
         SOUTHERN FREIGHT LOGISTICS

**HIGHWAY 58 2010**

2010 EAST TENNESSEE MTRLS & ENERGY  
INFRARED HEATING TECHNOLOGIES  
MATERIALS & CHEMISTRY LABRTRS  
OAK RIDGE NATIONAL RECYCLE CTR  
OLIVERS RESTAURANT & CATERING  
OPERATIONS MANAGEMENT INTL INC  
SOUTHERN APPALACHIA RAILWAY

**HIGHWAY 58      2005**

2010    DIENAMIC TOOLING SYSTEMS INC  
         INFRARED TECHNOLOGIES  
         NUTEC SOLUTIONS GROUP LLC  
         OAK RIDGE REGIONAL TRAINING  
         OLIVERS RESTAURANT AND CATERING INC  
         OPERATIONS MANAGEMENT INTERNATIONAL  
         PALL INDUSTRIAL MEMBRANE LLC  
         STREET LEGAL INDUSTRIES  
         THE OAK RIDGE NATIONAL RECYCLE CENTE

Proposed Oak Ridge Airport Property

Heritage Center Boulevard

Harriman, TN 37748

Inquiry Number: 6430281.3

March 31, 2021

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

03/31/21

**Site Name:**

Proposed Oak Ridge Airport Pr  
Heritage Center Boulevard  
Harriman, TN 37748  
EDR Inquiry # 6430281.3

**Client Name:**

S&ME  
1413 Topside Road  
Louisville, TN 37777  
Contact: Tim Schalk



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by S&ME were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 410A-4B50-8823

**PO #** NA

**Project** 4143-20-082 Phase 431

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 410A-4B50-8823

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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Proposed Oak Ridge Airport Property

Heritage Center Boulevard

Harriman, TN 37748

Inquiry Number: 6430281.4

March 31, 2021

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# EDR Historical Topo Map Report

03/31/21

**Site Name:**

Proposed Oak Ridge Airport Pr  
Heritage Center Boulevard  
Harriman, TN 37748  
EDR Inquiry # 6430281.4

**Client Name:**

S&ME  
1413 Topside Road  
Louisville, TN 37777  
Contact: Tim Schalk



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by S&ME were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:**

**Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	35.927989 35° 55' 41" North
<b>Project:</b>	4143-20-082 Phase 431	<b>Longitude:</b>	-84.389689 -84° 23' 23" West
		<b>UTM Zone:</b>	Zone 16 North
		<b>UTM X Meters:</b>	735500.41
		<b>UTM Y Meters:</b>	3979110.43
		<b>Elevation:</b>	779.82' above sea level

**Maps Provided:**

- 2013
- 1989, 1990
- 1968
- 1953
- 1941
- 1935
- 1895

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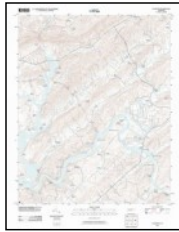
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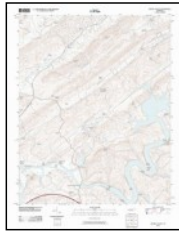
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2013 Source Sheets



Elverton  
2013  
7.5-minute, 24000

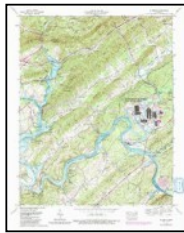


Bethel Valley  
2013  
7.5-minute, 24000

### 1989, 1990 Source Sheets



Bethel Valley  
1989  
7.5-minute, 24000  
Aerial Photo Revised 1984

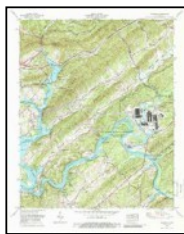


Elverton  
1990  
7.5-minute, 24000  
Aerial Photo Revised 1987

### 1968 Source Sheets



Bethel Valley  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1967

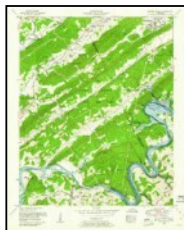


Elverton  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1967

### 1953 Source Sheets



Elverton  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952



Bethel Valley  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1941 Source Sheets**



Elverton  
1941  
7.5-minute, 24000



Bethel Valley  
1941  
7.5-minute, 24000

### **1935 Source Sheets**

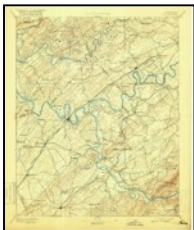


Elverton  
1935  
7.5-minute, 24000



Bethel Valley  
1935  
7.5-minute, 24000

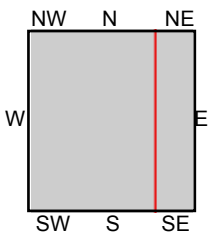
### **1895 Source Sheets**



Loudon  
1895  
30-minute, 125000



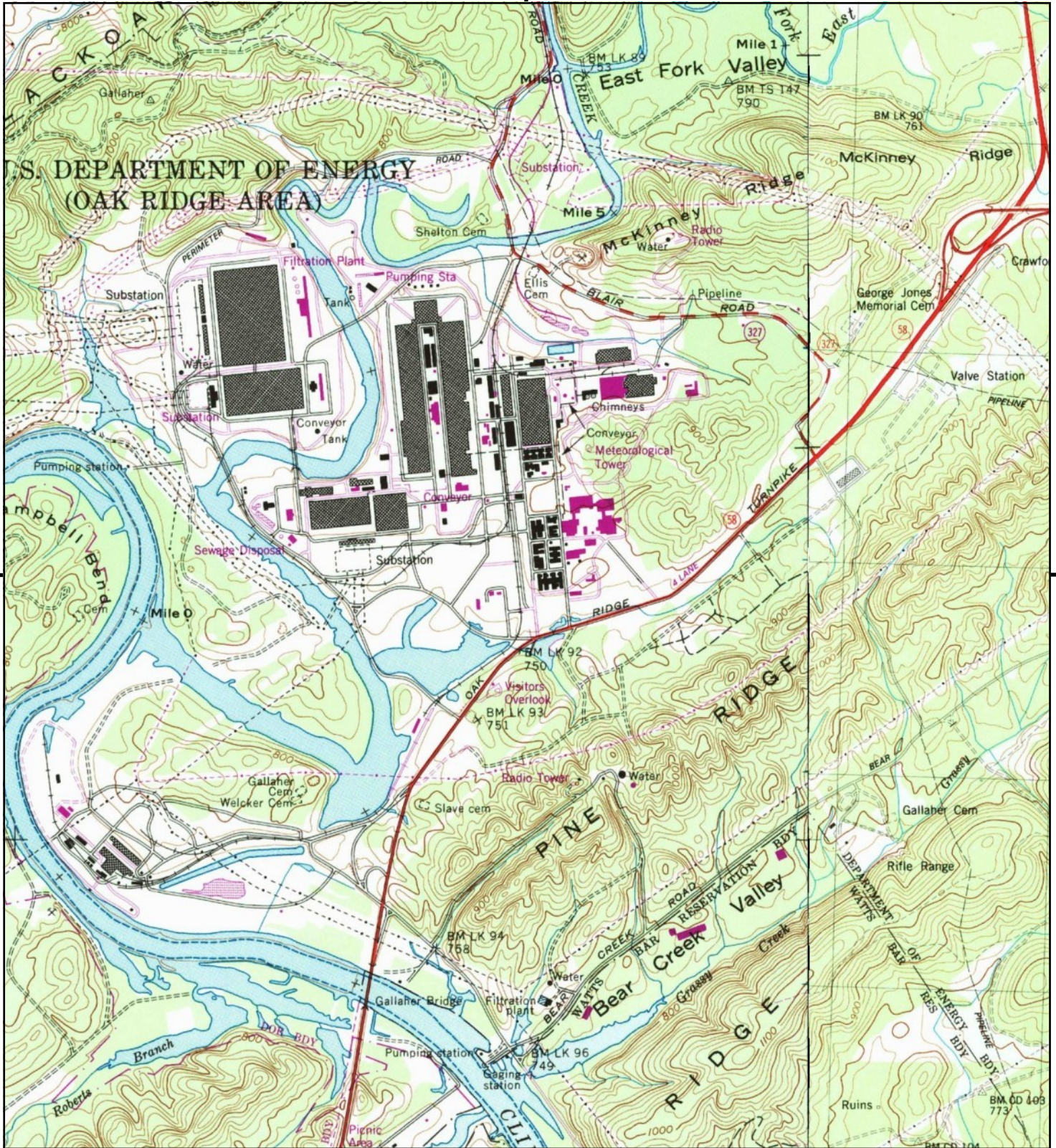
This report includes information from the following map sheet(s).



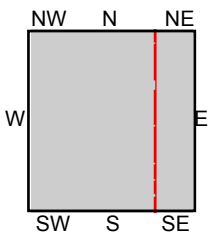
TP, Elverton, 2013, 7.5-minute  
E, Bethel Valley, 2013, 7.5-minute

SITE NAME: Proposed Oak Ridge Airport Property  
ADDRESS: Heritage Center Boulevard  
Harriman, TN 37748  
CLIENT: S&ME





This report includes information from the following map sheet(s).



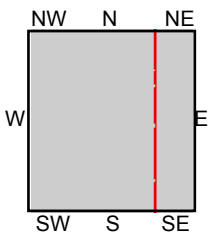
TP, Elverton, 1990, 7.5-minute  
E, Bethel Valley, 1989, 7.5-minute

SITE NAME: Proposed Oak Ridge Airport Property  
ADDRESS: Heritage Center Boulevard  
Harriman, TN 37748  
CLIENT: S&ME





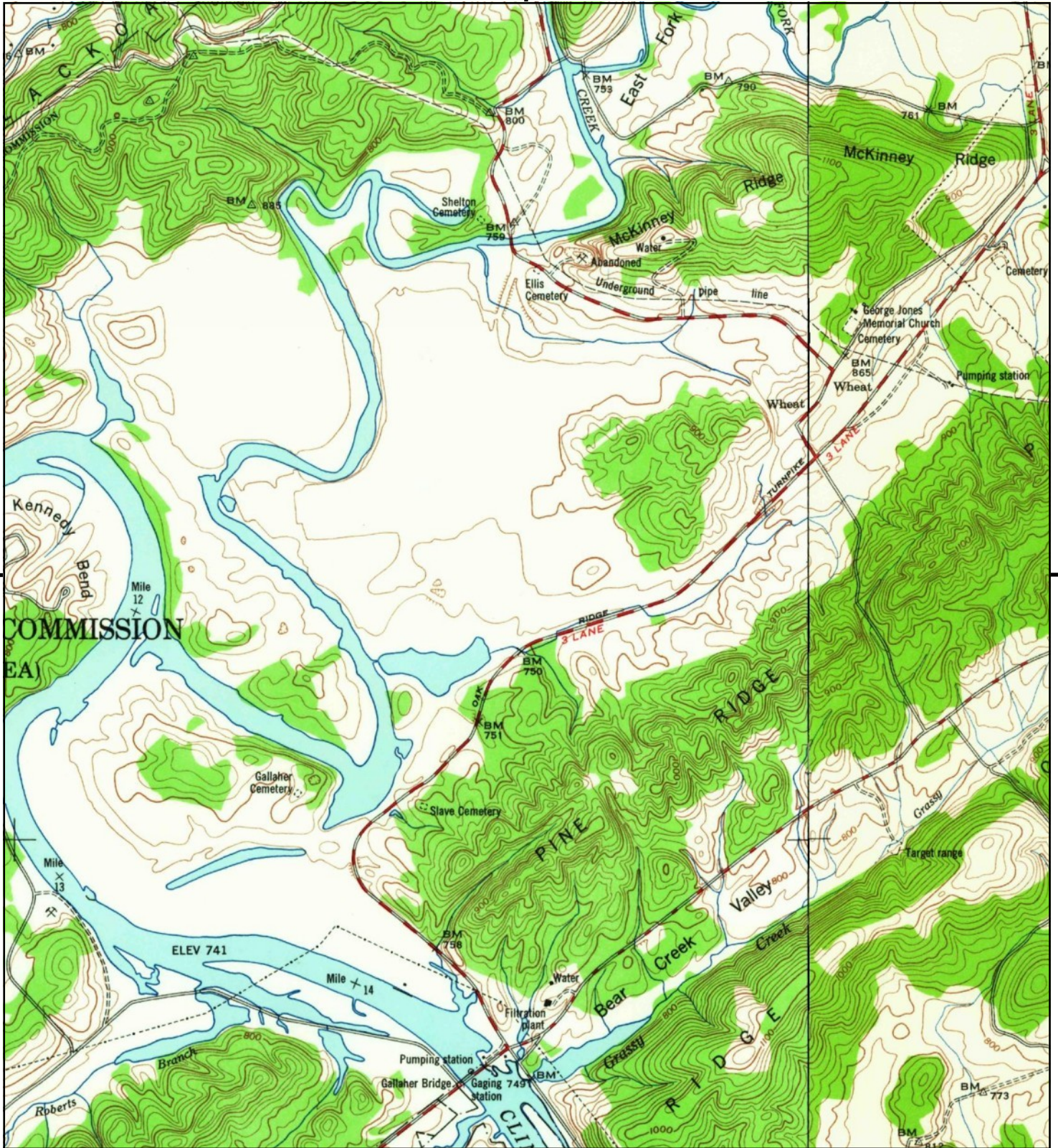
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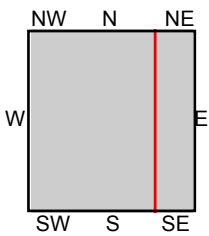
TP, Elverton, 1968, 7.5-minute  
E, Bethel Valley, 1968, 7.5-minute

**SITE NAME:** Proposed Oak Ridge Airport Property  
**ADDRESS:** Heritage Center Boulevard  
Harriman, TN 37748  
**CLIENT:** S&ME





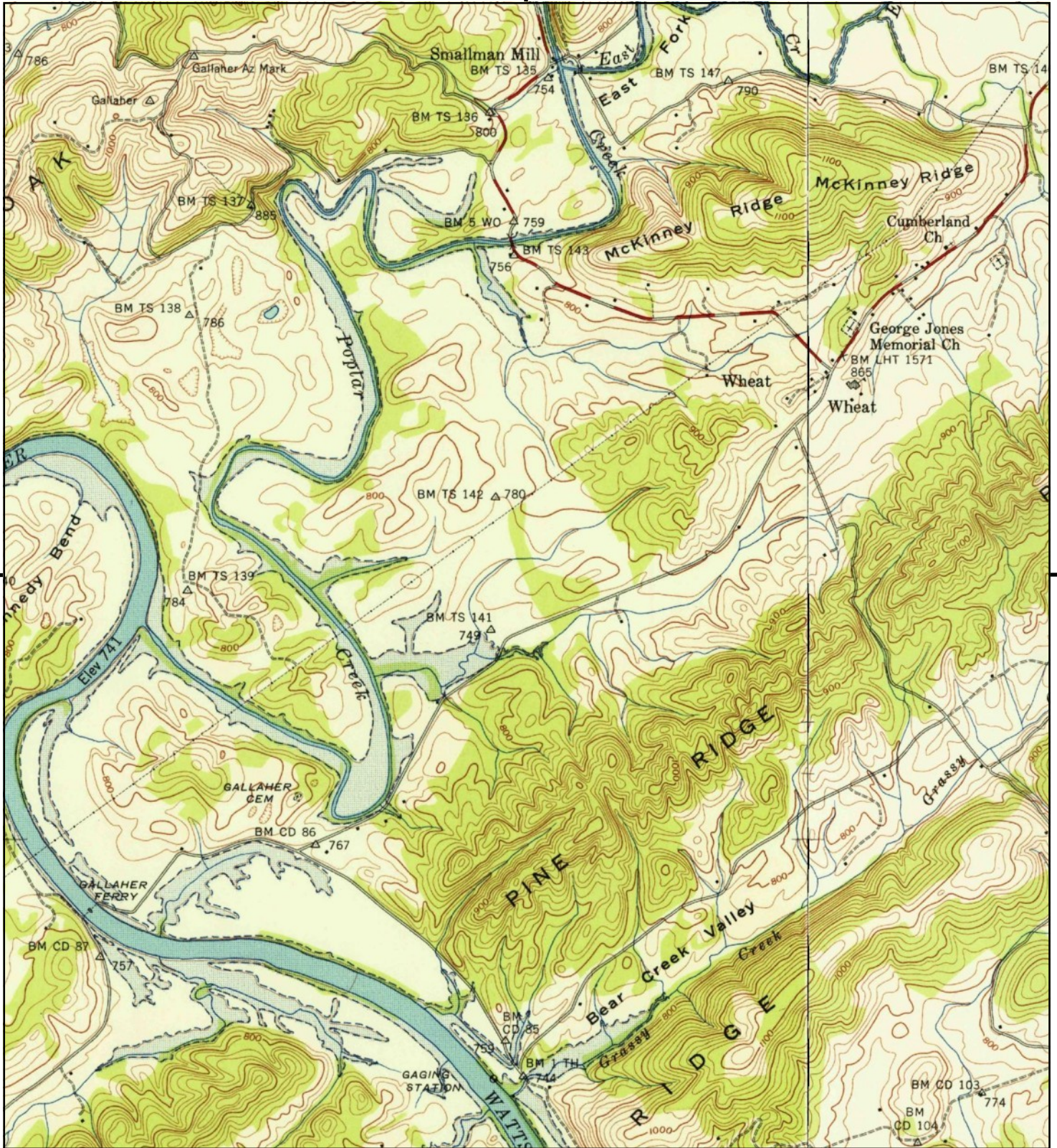
This report includes information from the following map sheet(s).



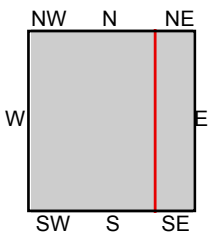
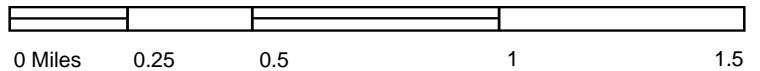
TP, Elverton, 1953, 7.5-minute  
E, Bethel Valley, 1953, 7.5-minute

**SITE NAME:** Proposed Oak Ridge Airport Property  
**ADDRESS:** Heritage Center Boulevard  
Harriman, TN 37748  
**CLIENT:** S&ME





This report includes information from the following map sheet(s).



TP, Elverton, 1941, 7.5-minute  
E, Bethel Valley, 1941, 7.5-minute

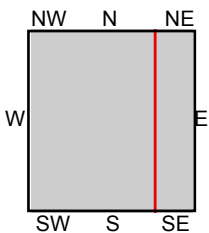
**SITE NAME:** Proposed Oak Ridge Airport Property  
**ADDRESS:** Heritage Center Boulevard  
Harriman, TN 37748  
**CLIENT:** S&ME







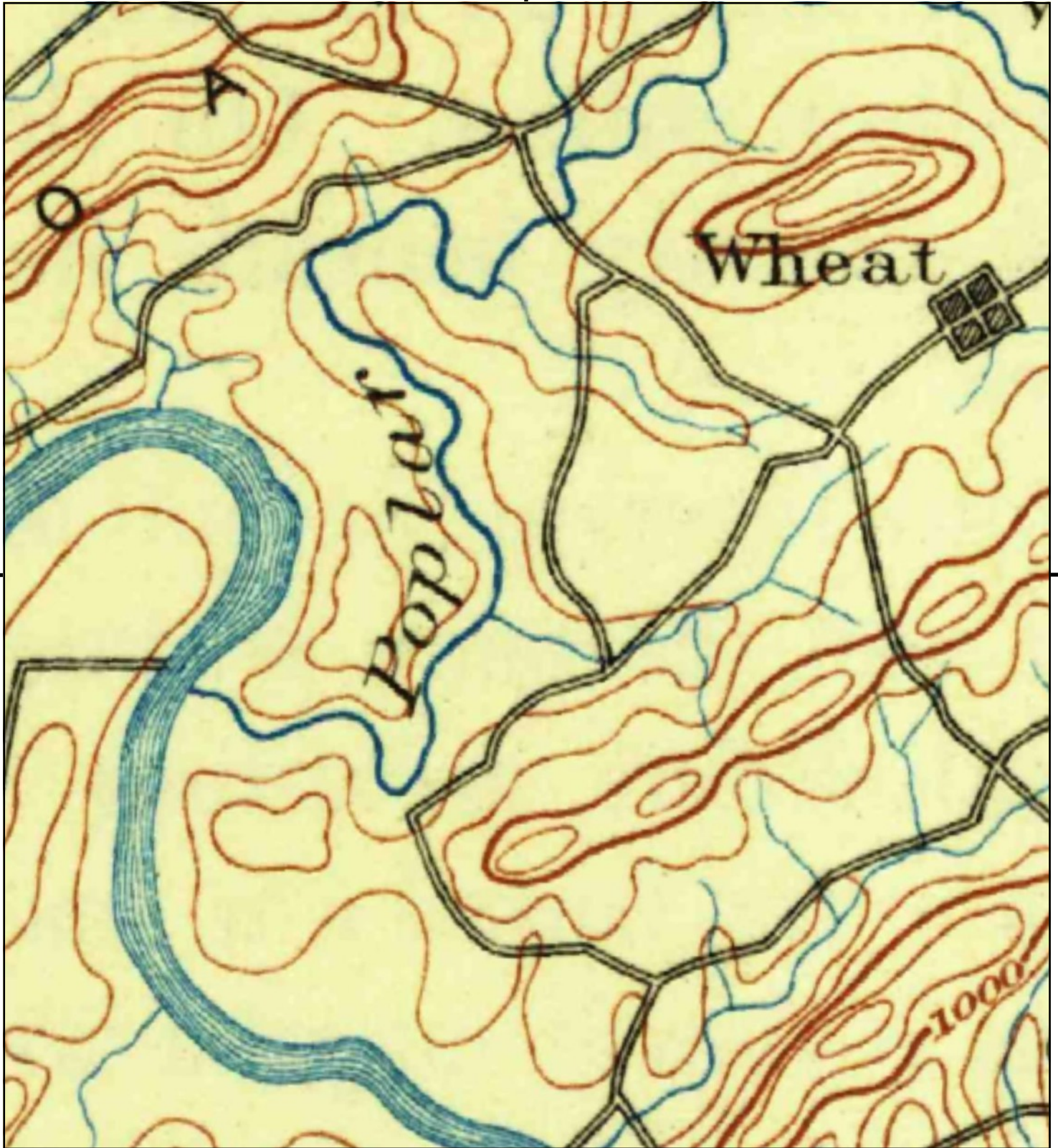
This report includes information from the following map sheet(s).



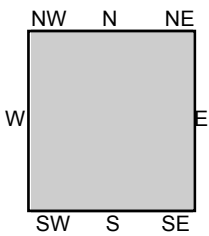
TP, Elverton, 1935, 7.5-minute  
E, Bethel Valley, 1935, 7.5-minute

**SITE NAME:** Proposed Oak Ridge Airport Property  
**ADDRESS:** Heritage Center Boulevard  
Harriman, TN 37748  
**CLIENT:** S&ME





This report includes information from the following map sheet(s).



TP, Loudon, 1895, 30-minute

SITE NAME: Proposed Oak Ridge Airport Property  
ADDRESS: Heritage Center Boulevard  
Harriman, TN 37748  
CLIENT: S&ME



## **Appendix IV –Interview Documentation**

**S&ME, INC.**  
Record of Conversation

Telephone          X Meeting          Other

Project No.: 4143-20-082

Conversation with: Gill Sallade

Date: 4/3/2021

Title: Facility Manager

Phone No.:

Company: UCOR

From: Timothy S. Schalk

Subject: Past Use of the Property

**SUMMARY OF CONVERSATION**

Mr. Sallade described the past use of the subject property. He informed S&ME that a toxic waste UST was recently removed from the Centrifuge Demonstration Complex north of K-1225. He also indicated that the portion north of K-1225 currently being demolished has not been fully characterized concerning environmental issues. Mr. Sallade also indicated that the southwest and northeast wooded portions of the subject property have not been developed in the past.



**S&ME, INC.**  
Record of Conversation

Telephone          X Meeting          Other

Project No.: 4143-20-082

Conversation with: Steve Jones

Date: 4/22/2021

Title: Property Manager

Phone No.:

Company: Coqui

From: Timothy S. Schalk

Subject: Past Use of the Property

**SUMMARY OF CONVERSATION**

Mr. Jones stated that the property has been undeveloped woodlands in the past. He indicated that no structures have been located on the property. Mr. Jones is unaware of any USTs or other environmental concerns at the property.

## **Appendix V – Agreement for Services**

## SUBCONSULTANT AGREEMENT

This is an agreement effective as of March 29, 2021 between **S&ME** ("SUBCONSULTANT") and **Goodwyn, Mills, Cawood (GMC)** ("ENGINEER"). The ENGINEER has entered into a Professional Services Agreement with the City of Oak Ridge to perform various professional services in connection with the new airport. The project for this agreement is described as follows:

Project Summary: *Environmental Assessment – New Airport*

Project Location: *Oak Ridge, TN*

### SCOPE OF SERVICES

The SUBCONSULTANT is to provide various environmental consulting services in connection with the completion of the Oak Ridge Airport Environmental Assessment. The agreed upon work scope is as outlined in the attached proposal dated September 8, 2020 (copy attached).

### TERMS AND CONDITIONS

Terms and conditions are a part of this Agreement and are as outlined in Attachment "A".

### COMPENSATION

The SUBCONSULTANT shall be compensated for performance of work as detailed in Attachment "B".

Agreed as to Scope of Services, Terms and Conditions, and Compensation:

<b>S&amp;ME:</b>	<b>Goodwyn, Mills, Cawood (GMC)</b>
Name: <u>Elizabeth M. Porter</u>	Name: <u>Mant Pasch</u>
Title: <u>Vice President</u>	Title: <u>Aviation Manager-Planning</u>
Date: <u>3/29/2021</u>	Date: <u>3/29/2021</u>



## ATTACHMENT "A" TERMS AND CONDITIONS

**INVOICE PROCEDURE:** The SUBCONSULTANT shall submit monthly invoices to ENGINEER requesting payment for work accomplished during each calendar month. The SUBCONSULTANT specifically understands and agrees that any payment to the SUBCONSULTANT is dependent on the condition precedent that ENGINEER must first receive payment from the Client.

**INSURANCE:** The SUBCONSULTANT shall procure and maintain during the life of this agreement the following insurance coverages with minimum limits as indicated below.

Workers' Compensation:	Statutory
Comprehensive General Liability:	combined single limit of \$1,000,000 per occurrence for bodily injury and property damage
Automobile Liability:	combined single limit of \$1,000,000 per occurrence for bodily injury and property damage
Professional Liability:	\$1,000,000 per claim

### **INDEMNITY**

Both parties agree to indemnify and hold the other harmless, and their respective officers, employees, agents and representatives, from and against liability from all claims, losses, damages and expenses, including reasonable attorneys' fees, to the extent such claims, losses, damages or expenses are caused by the indemnifying party's negligent acts, errors or omissions. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of ENGINEER or SUBCONSULTANT, they shall be borne by each party in proportion to its negligence.

### **STANDARDS OF CARE**

The standard of care for all professional services performed or furnished by SUBCONSULTANT under this Agreement will be the skill and care used by members of the SUBCONSULTANT's profession practicing under similar circumstances at the same time and in the same locality.

### **DISPUTE RESOLUTION**

Both parties agree they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Agreement to mediation in accordance with the Construction Industry Mediation Rules of American Arbitration Association, effective as of this date of this agreement.

### **TERMINATION**

This agreement may be terminated with seven days written notice to SUBCONSULTANT for convenience or cause. SUBCONSULTANT may terminate this Agreement for cause with seven days written notice to the ENGINEER. Any payments due shall be paid (as described herein) for services rendered prior to termination.

**ENTIRETY OF AGREEMENT:** The terms and conditions of the Prime Agreement between ENGINEER and Client applicable to SUBCONSULTANT are incorporated herein by reference and SUBCONSULTANT agrees to be bound to ENGINEER to the same extent ENGINEER is bound to the Client. Notwithstanding the foregoing, to the extent applicable to SUBCONSULTANT, SUBCONSULTANT shall not be bound to Client or ENGINEER under Article 12 of the Prime Agreement. This Agreement (including Attachments 'A', 'B', and 'C') and the Prime Agreement embody the entire agreement and understanding between the parties hereto, and there are no other agreements and understandings, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby. No alteration, change or modification of the terms of the Agreement shall be valid unless made in writing and signed by both parties hereto. In case of any conflict or inconsistency between the terms of this Agreement and the Prime Agreement (except for the exclusion of Article 12 of the Prime Agreement), the Prime Agreement shall govern.

**GOVERNING LAW**

This Agreement shall be governed by, and interpreted pursuant to, the laws of the State of Tennessee applicable to contracts made by parties domiciled in and to be wholly performed within the State of Tennessee. Any action or proceeding arising from or pertaining to this Agreement shall be brought in a state or federal court in the State of Tennessee, and the parties shall not challenge the law to be applied, the venue or jurisdiction.

**ASSIGNMENT** - Neither party may assign, sublet or transfer any of its respective rights claims, or duties under or any other interests in this Agreement, in whole or in part, without the prior written consent of the other party, except to the extent that any assignment, subletting or transfer is mandated by law.

**RIGHT OF ENTRY** – ENGINEER client will arrange for right-of-entry and access to the property for the purpose of performing studies, tests and evaluations required to perform the agreed services.

**SURVIVAL** - The conditions of this Agreement concerning consent to assignment and indemnification or allocation of responsibility or liability between the parties to this Agreement, shall survive the completion of the services under this Agreement and any termination of this Agreement.

**OWNERSHIP OF INSTRUMENTS OF SERVICE**

All reports, plans, specifications, field data and notes and other documents, including all documents on electronic media, prepared by SUBCONSULTANT as instruments of service shall remain the property of SUBCONSULTANT and may not be used by the ENGINEER or any party obtaining them through ENGINEER for any other endeavor without the written consent of SUBCONSULTANT. SUBCONSULTANT shall retain all common law, statutory and other reserved rights, including the copyright thereto.

**OPINIONS OF PROBABLE COST**

In providing opinions of probable cost, the ENGINEER understands that SUBCONSULTANT has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided during this project are to be made based on SUBCONSULTANT's qualifications and experience. SUBCONSULTANT makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.

**QUALITY CONTROL (QC)**: If the SUBCONSULTANT is to provide deliverable documents to ENGINEER, the SUBCONSULTANT shall perform QC review of those documents and all supporting work products prepared by the SUBCONSULTANT upon which those documents are based. The SUBCONSULTANT shall follow appropriate and acceptable QC review and documentation procedures.

**SOFTWARE REQUIREMENTS**: All computer applications and software must be compatible with ENGINEER applications and standards and/or those required by the Client. All computers used by SUBCONSULTANT shall be equipped with anti-virus software. All electronically stored data shall have back-up no less often than daily.

**FORCE MAJEURE**: In the event that any party is unable to perform a force majeure event, the party affected by the force majeure shall have its obligation suspended for a period equal to the Force Majeure event, provided the party is taking reasonable steps to mitigate the impact of any force majeure event. The term "force majeure" shall be defined as including acts of God, insurrections, wars, terrorist acts, fires, floods, earthquakes, tidal waves, epidemics, quarantine restrictions, labor disputes, strikes, freight embargoes, unusually severe weather or other similar causes beyond the control or contemplation of either party.

## ATTACHMENT "B" SUBCONSULTANT COMPENSATION

### OAK RIDGE AIRPORT

#### PAYMENTS TO THE SUBCONSULTANT:

Upon this Agreement becoming effective, the SUBCONSULTANT is authorized to begin work on the scoped environmental consulting services as denoted herein and detailed in the attached scope of services.

Payment to the SUBCONSULTANT shall be as indicated below. The subconsultant will perform these services on a time and materials basis in accordance with the attached scope of services. The subconsultant will not perform any additional services than identified or exceed these costs without prior written approval.

*Task 1 – Phase I ESA, including review of prior DOE documentation - \$18,000*

*Task 2 – Jurisdictional Waters Determination and Floodplain Evaluation - \$30,900*

*Task 3 – T&E Species and Botanical Assessment - \$4,900 (field services concurrent with Task 2)*

*Task 4 – Cultural Resources Assessment \$80,000*

*Task 5 – Public Meetings, Project Meetings and Project Management \$16,240*

*Task 6 – Contingency Screening of Potential Stream or Wetland Mitigation Sites - \$8,000*

**TOTAL: \$ 158,040**

Invoices shall be submitted by the SUBCONSULTANT to the ENGINEER upon completion of services or prorated on a monthly basis. Within 10 business days after the ENGINEER receives payment from the Client for services covered by the SUBCONSULTANT'S invoice, ENGINEER shall pay SUBCONSULTANT'S invoice. However, provision of certificates of insurance required under this agreement is a pre-condition to any payment to the SUBCONSULTANT.

Each submitted invoice should indicate the amount of the contract, the amount currently billed, and the amount billed to date. All submitted invoices should denote the project name and the PDC Consultants, LLC job number as noted below. Failure to do so may delay processing.

Project Name: Oak Ridge Airport – Environmental Assessment  
GMC Job #: TNAS210033

**Appendix VI– Qualifications of Environmental Professional(s)**



#### PROJECT ROLE

Environmental Scientist

#### LOCATION

Knoxville, TN

#### EDUCATION

- BA, Education, 1980, Concordia College, Illinois

#### YEARS OF EXPERIENCE

Joined S&ME in 1994 with 8 years of experience

#### CERTIFICATIONS

- Tennessee Accredited Asbestos Inspector, (#A-I-43607-24532)
- Tennessee Accredited Asbestos Project Manager (#A-PM-43607-21667)
- Kentucky Accredited Asbestos Inspector (#112-06-1314)

## Timothy S. Schalk

### Environmental Scientist

Mr. Schalk has performed more than 900 Phase I Environmental Site Assessments (ESAs) using the American Society for Testing and Materials (ASTM) standard. His Phase I work has been for both public and private sector clients, and includes projects for commercial realtors, developers, and industrial clients in multiple states. His areas of expertise include: soil and groundwater quality assessments for active and inactive sites; underground storage tank (UST) removals and assessments; Phase I Environmental Site Assessments to define past usage of property and determination of the presence of potential environmental liabilities; asbestos in buildings assessments; and mold and indoor air quality assessments.

### Key Projects and Assignments

#### ***Numerous Phase I Environmental Site Assessments***

**Throughout middle and east Tennessee, Kentucky, Georgia, South Carolina, Mississippi, Kansas, and West Virginia | 1994-present**

Project Manager for Phase I ESAs. Clients included Flagstar Enterprises, Wal-Mart, the Loewen Group, Gulf and Ohio Railways, various developers, real estate agents, governmental agencies, and private individuals.

#### **Blount/Sevier Avenue Corridor Improvement Project Knoxville, Tennessee | 2013**

Responsible for preparing Hazardous Material Evaluation in support of Categorical Exclusion (CE) in accordance with the Tennessee Department of Transportation's (TDOT's) NEPA guidelines for the Blount/Sevier Avenue Corridor Improvement Project. The federally funded project includes the proposed roadway improvements to support the City's new park, Suttree Landing Park. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

#### **Clayton Road Extension to Support ProNova Alcoa, Tennessee | 2013**

Prepared a Hazardous Material Evaluation in support of a CE in accordance with the TDOT's NEPA guidelines. The state and federally funded project includes the proposed 2,000-foot extension of existing Clayton Road to support the future ProNova facility. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

#### **South Waterfront Pedestrian Bridge Knoxville, Tennessee | 2013**

Prepared a Hazardous Material Evaluation for the proposed South Waterfront Pedestrian Bridge, which will span the Tennessee River from the University of Tennessee's Thompson Boling Arena to the South Waterfront. The evaluation was conducted in accordance with the Tennessee Department of Transportation NEPA

*\*Experience with previous employer.*



requirements. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### **Wrights Ferry Road Improvements**

**Alcoa, Tennessee | 2013**

Prepared a Hazardous Materials Evaluation for proposed improvements to a 1-mile section of Wrights Ferry Road in accordance with the Tennessee Department of Transportation NEPA requirements. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### **Halls Greenway**

**Knox County, Tennessee | 2013**

Prepared a Hazardous Materials Evaluation for the proposed construction of 3,000 feet of greenway in Halls/Knox County, in accordance with the Tennessee Department of Transportation NEPA requirements. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### **North Central Streetscapes**

**Knoxville, Tennessee | 2012**

Prepared a Hazardous Materials Evaluation for a 1-mile streetscapes project along North Central Street in accordance with the Tennessee Department of Transportation NEPA requirements. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### **First Creek Greenway, Edgewood Park and Environs**

**Knoxville, Tennessee | 2012**

Prepared a Hazardous Materials Evaluation for the Edgewood Park and Environs greenway/sidewalk project in accordance with the Tennessee Department of Transportation NEPA requirements. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### **Cityview Riverwalk Extension**

**Knoxville, Tennessee | 2012**

Prepared a Hazardous Materials Evaluation for the proposed Cityview Riverwalk Extension which was funded by the Tennessee Department of Transportation. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### ***EPA-funded Brownfields Assessment Projects***

**Various Counties in East Tennessee | 2009-present**

Phase I ESA Environmental Professional conducting assessments of multiple brownfield sites addressed through funding provided under the EPA Brownfields Assessment Grant Program. Sites include former industrial buildings, commercial properties, health care and education facilities auto salvage yards, landfills, riverfront corridor properties, and vacant land.

*\*Experience with previous employer.*



### **Cellular Tower Environmental Assessments**

#### **Various southeast locations | 2009-present**

Project Manager conducting ESAs for new cellular tower installations and diesel generator installations at existing tower sites throughout the southeast. Assessment activities included field reconnaissances and interactions with state and federal agencies.

### **Phase I Environmental Site Assessments of Railroad Trackage**

#### **Tennessee, Kentucky, Georgia, Alabama, Mississippi, and Florida | 1996-2005**

Project Manager for several Phase I ESAs. Tasks included reconnaissance of sites, state regulatory interfacing, and interpretation of state and federal regulatory information.

### **NEPA - Environmental Assessments**

#### **Cleveland, Tennessee | 2000**

Project Manager for Environmental Assessments of two privately owned camps located in the Cherokee National Forest. The assessments were performed in cooperation with the US Forest Service and in accordance with the USEPA NEPA requirements.

### **Phase I ESA of a 200,000-square foot Manufacturing Facility**

#### **Dalton, Georgia | 1995**

Manager for Phase I ESA. Assessment included UST and AST assessments, asbestos inspection, and regulatory investigation utilizing established S&ME Protocols based on American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessment Process Document 1527-97.

### **Hazardous Materials Building Survey of former High School**

#### **Tazewell, Tennessee | 2011**

Lead inspector for hazardous materials survey of a former high school being acquired by a community college. The buildings were assessed for asbestos, lead-based paint, and other universal wastes prior to planned renovations. The asbestos portion of the assessment was performed according to NESHAP standards.

### **Indoor Air Quality Assessment and Remediation of Multi-Story Office Building**

#### **Knoxville, Tennessee | 2011**

Lead Inspector for an indoor air quality assessment of a multi-story office building which had documented mold issues prior to occupation by a community college. The assessment included a visual inspection for water intrusion and mold and airborne mold sampling. Amplified airborne mold was identified in portions of the building. Follow-up inspections identified sources of water intrusion and mold, and remedial actions were recommended. Post-remediation sampling confirmed reduction of airborne mold levels to outside background levels.

*\*Experience with previous employer.*



### **Health Care Client**

**Knoxville, Tennessee | 2011**

Lead asbestos Inspector for asbestos and lead-based paint assessment of a large hospital campus being acquired by health care corporation. Hospital and medical professional buildings of various construction dates were assessed for asbestos and lead-based paint to allow for possible demolition, removal, and proper disposal of building materials or sale to outside party. Assessment performed according to NESHAP standards.

### **Hazardous Materials Building Survey of College Dormitory**

**Maryville, Tennessee | 2011**

Lead inspector for hazardous materials survey of a college dormitory prior to planned renovations. The multi-story building was assessed for asbestos, lead-based paint, and mercury, PCB, CFC-containing equipment and Universal Wastes. Recommendations for the management and/or disposal of identified hazardous materials were provided as part of the assessment.

### **Hazardous Materials Building Survey, Naval Reserve**

**Knoxville, Tennessee | 2010**

Lead inspector for a hazardous material survey of the Naval Operations Center in Knoxville prior to planned renovations. Services included asbestos and lead-based paint assessments and identification of equipment containing hazardous materials including mercury, CFCs, and PCBs and Universal Wastes. In addition, exterior soils were analyzed for RCRA metals. Recommendations for the management and/or disposal of identified hazardous materials were provided.

### ***Asbestos and Lead-Based Paint Surveys***

**Southeastern United States | 1996-present**

Project Manager responsible for performance and reporting of numerous asbestos and lead-based paint surveys throughout the southeast. Clients included development companies, retail and commercial businesses, and local and state governments.

### **Asbestos Project Monitoring of University Dormitory**

**Knoxville, Tennessee | 2010**

Project Monitor responsible for supervision of asbestos abatement activities at an eleven-story university dormitory during renovations. Responsibilities included daily area air monitoring and clearance sampling, pre- and post-inspections of abatement areas, and interfacing with general contractor and university officials.

### **Asbestos and Lead-Based Paint Surveys of University Buildings**

**Knoxville, Tennessee | 2009-2012**

Project Manager responsible for performance of asbestos and lead-based paint surveys of numerous university buildings. Responsibilities included survey planning and implementation, integration of survey results in the university database, and interaction with university personnel.

*\*Experience with previous employer.*





### **Asbestos and Lead-Based Paint Assessment**

**Knoxville, Tennessee | 2001**

Project Manager for assessment of asbestos and lead-based paint in buildings being acquired by a health care facility. Residence and outbuildings were assessed for asbestos and lead-based paint to allow for demolition, removal, and proper disposal of building materials. The assessment was performed according to NESHAP standards.

### **UST Removal and Site Closure at a Hospital**

**Knoxville, Tennessee | 1996**

Project Manager responsible for supervision of tank removal, soil and groundwater sampling and analysis, and state regulatory interfacing.

### **UST Removal and Site Closure**

**Decatur, Alabama | 1996**

Project Manager for removal of underground storage tank and subsequent site closure. Activities included supervision of tank removals, soil and groundwater sampling and analysis, and state regulatory interfacing.

### **Bioremediation of a Solvent Spill at a Manufacturing Facility**

**Little Rock, Arkansas | 1993**

Project Manager responsible for contaminated soil removal, aeration, and testing until contaminants were reduced to below detection limits. Interfaced with state regulatory authorities during remediation activities.

### **Database Manager for U.S. Air Force Underground Storage Tank (UST) Program**

Maintained database of USTs at 12 Air Force bases throughout the country. Utilized UST information to determine removal or upgrade requirements. Generated cost proposals for UST work performed at each base.

### **Continuing Education**

- OSHA 40-Hour Health and Safety Training
- Hazardous Waste Operations Supervisor Training
- Asbestos Inspectors Course
- Asbestos Project Management Course
- Conducting Historical Research According to ASTM Standard E1527-94
- ASTM Vapor Intrusion Course
- Whole Effluent Toxicity Testing Short Course
- Environmental Site Assessments for Commercial Real Estate, ASTM
- Permit Required Confined Spaces Course
- Project Management and Professional Development
- IAQ/IH Sampling Workshop

*\*Experience with previous employer.*



## Lydia Birk, PMP

### Project Manager

Ms. Birk is an accomplished environmental project manager with a proven record of successful project completion and team management. She has been recognized for finding creative solutions to difficult problems, resolving conflict, and executing complex projects that involve multiple stakeholders.

### Key Projects and Assignments

#### **Coal Combustion Residuals (CCR) Liabilities Program**

**Tennessee Valley Authority (TVA), Chattanooga, TN | 2017 – 2018**

Project Manager consultant hired to develop and execute a process to determine the long-term liability for managing CCR facilities (landfills, closed ash ponds, waste treatment systems, stability monitoring systems) for TVA's fleet of operating and closed Coal Combustion Power Plants. The project required the integration of a multi-disciplined team that included engineers, environmental compliance, waste management, construction, project managers, maintenance and financial managers, as well as interfacing with operations personnel at the coal plants in the TVA power generation fleet. The project identified the system requirements for CCR long term facilities, monitoring, maintenance and management, developed detailed cost estimates, and schedules. Utilized the Department of Energy's (DOE) Risk Management methodology from DOE Risk Management Guide DOE G 413.3-7A to evaluate risks, develop a risk register with the resulting impacts to costs and long-term liabilities. The risk register was used to determine the appropriate the financial liabilities for managing CCR facilities with the ability to cross cut by specific state waste regulations, specific plant site, and specific CCR unit to allow for future manipulation as risks were realized, regulations changed, and site closure schedules and requirements changed. The analysis of system requirements resulted in the identification of cost savings, that significantly impacted TVA operation costs and reduced the overall long-term liabilities.

#### **Brownfield Redevelopment for the East Tennessee Technology Park\***

**Oak Ridge, TN | 2015 – 2016**

Project Manager with a small minority owned business providing environmental services for DOE in Oak Ridge.

- Developed plan for the demolition and soil characterization and remediation of the East Tennessee Technology Park (ETTP) 161kV Switchyard to ready the yard for future reuse. Work included waste management for disposal and recycling. Required significant coordination and integration with the City of Oak Ridge Electrical Department and the DOE Environmental Management (EM) Site Contractor.

#### PROJECT ROLE

Environmental Project Manager

#### LOCATION

Knoxville, TN

#### EDUCATION

- B.S. Industrial Engineering, 1981, Virginia Tech
- MBA, Finance, 1984, University of Houston

#### YEARS OF EXPERIENCE

Joined S&ME in 2019 with > 30 years' experience.

#### PROFESSIONAL MEMBERSHIPS

- Project Management Professional (PMP)
- Project Management Institute – East TN Chapter
- East Tennessee Economic Council, Board of Directors, 2012 – 2017
- Oak Ridge Economic Partnership, Board of Directors, 2013-2014
- Anderson County Chamber of Commerce

*\*Experience with previous employer.*



### **Oak Ridge, TN | 2009 - 2013**

Reindustrialization Manager for the ETPP. Managed a multi-discipline team to support the DOE and the Community Reuse Organization of East Tennessee (CROET) to develop the site into a sustainable industrial park:

- Performed site environmental assessments of land and buildings, including cultural resource and ecological assessments for redevelopment of property.
- Managed the planning and execution to decommission, demolish or refurbish existing utility facilities (Water, Sewage Treatment Plant, 161kV Switch Yard / 13.2 kV Power Distribution, Fire Protection Systems, Steam Plant, Air Plant). Integrated across the multiple site organizations Utilities, Security, Fire Safety, Emergency Management, and Cleanup Operations, private tenants., DOE and City of Oak Ridge
- Performed environmental and safety evaluations for leasing DOE property for private use and the use of bartering agreements to clean up or enhance the facility for reuse

### **Oak Ridge, TN | 2002 – 2009**

Manager of Projects / Project Manager for the D&D and remediation projects at the ETPP. Projects included the D&D of facilities with industrial hazardous and radiological contamination. Analytical Laboratories, Uranium Process Support Facilities waste storage facilities; remediation of classified landfill, various pits and soils; and disposal of hazardous waste.

- Working hand-in-hand with the DOE Client, managed the effort to develop, negotiate, and implement a streamlined CERCLA regulatory strategy for the D&D of facilities and follow on soil remediation
- Performed required environmental (NEPA), ecological, and historic preservation assessments and evaluations, negotiating and executing memorandums of agreement to address impacted facilities and sites.
- Developed a successful strategy for DOE to negotiate a Historic Preservation Agreement under Section 106 of the National Historic Preservation Act, resulting in the collection of site artifacts and original documents and drawings for use in a future Manhattan Project National Park and allowing the D&D of 108 historic buildings to proceed while further negotiations continued for the historic K-25 building.
- Performed environmental characterization for waste, remaining below grade basements and pits, soil cleanup, and groundwater to meet the requirements of the CERCLA ROD, and regulatory industrial standards for future reuse.

### **Engineering Management at Oak Ridge National Laboratory\***

#### **Oak Ridge, TN | 1999 – 2002**

Project Engineer for the ORNL Environmental Management Projects. Managed a staff of 20 engineers and scientists. Responsible for technical management of environmental projects (groundwater, tank remediation, landfills, and D&D), Environmental Compliance (NEPA), utilities (locates and disconnects), as-built conditions. Served as point of contact and coordinated with UT-Battelle Engineering.

*\*Experience with previous employer.*



# Lydia Birk, PMP

## Project Manager

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\*Experience with previous employer.

#### PROJECT ROLE

Environmental Project Manager

#### LOCATION

Knoxville, TN

#### EDUCATION

- B.S. Industrial Engineering, 1981, Virginia Tech
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#### YEARS OF EXPERIENCE

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*\*Experience with previous employer.*



#### PROJECT ROLE

Senior Geologist/Senior Reviewer

#### LOCATION

Knoxville, TN

#### EDUCATION

- BS, Geology, Tennessee Technological University, 1987

#### YEARS OF EXPERIENCE

Joined S&ME in 2001 with 13 years of experience

#### REGISTRATIONS

- PG, TN #1802, 1991
- PG, KY #881, 1993
- PG, NC #1717
- PG, GA #1572, 2000

#### PROFESSIONAL MEMBERSHIPS

- National Groundwater Association
- Geological Society of America

## Eric M. Solt, PG

### Senior Geologist/Senior Reviewer

Mr. Solt is a Senior Geologist who manages the Environmental Services Department at S&ME's Knoxville Branch. With 27 years of environmental experience, his areas of proficiency include: geologic investigations; regulatory compliance; Phase I and Phase II Environmental Site Assessments (ESA); UST/AST closure; petroleum and organic solvent-related site assessment design and oversight; solid and hazardous waste evaluation, permitting and management; soil and groundwater remediation system design, remediation construction management, and operation and maintenance; asbestos and lead-based paint surveys; abatement project design and abatement management; indoor air quality and mold assessment and remediation; and preparing health and safety plans. Mr. Solt is also a certified S&ME Senior Reviewer.

### KEY PROJECTS AND ASSIGNMENTS

#### Verizon Wireless

##### Various Locations | Tennessee, Virginia, Arkansas, Mississippi, Georgia

Project Senior Reviewer for Phase I ESAs for both raw and co-location sites. Has provided senior review for Phase I ESAs and ESA updates for more than 100 Verizon Wireless sites through multiple S&ME branches. Also works closely with Verizon's environmental legal counsel to incorporate current Verizon-specific requirements regarding report content and format.

#### Former Paint and Varnish Manufacturer

##### Hamilton County, Tennessee | 2012-present

Project Manager for the assessment and monitoring of groundwater and soil vapor at a former paint and varnish manufacturing facility located on approximately 30 acres adjacent to the Tennessee River in downtown Chattanooga. After production concluded in the mid-1990s, the property was subdivided and portions of the manufacturing facility were demolished in preparation for site redevelopment. Commercial redevelopment has occurred on several parcels, with redevelopment pending on others. S&ME is currently conducting groundwater monitoring and additional soil vapor assessment and remediation design to assist in facilitating multiple parcel owners with full site redevelopment.

#### Vapor Intrusion Assessment for Commercial Property

##### Knoxville, Tennessee | 2012

Project Manager for the assessment of vapor intrusion potential at a former dry-cleaning facility and current commercial property. The assessment techniques included soil gas using passive detectors, sub-slab vapor sampling using post-run tubing and summa canisters, and indoor ambient air sampling. The assessment results were used by the Tennessee Department of Health in determining potential health risks for users and occupants of the building to return the property to active commercial use.

*\*Experience with previous employer.*



### **Former Brookside Mills Site**

**Knoxville Tennessee | 2003, 2012**

Project Manager for the subsurface evaluation of a 20-acre historic knitting mill site. All buildings had been demolished by the time of the assessment, therefore the assessment design included integration of Sanborn maps and historic aerial photographs using GIS to aid in determining relevant sample locations. Historic GIS data was integrated with current high resolution aerial photography and sub-meter GPS to identify sample locations in the field. The assessment included surface and soil, plus groundwater and surface water evaluation. Served as Environmental Project Manager for brownfield compliance during redevelopment of the property in 2012.

### **EPA-funded Brownfields Community-Wide Assessment - Knoxville Downtown North I-275 Corridor**

**Knoxville, Tennessee | 2011-present**

Senior Reviewer for community-wide assessment grant project under EPA Brownfields Program. Project activities completed to date include Project Area Environmental Database Inventory and amendment of Generic Quality Assurance Project Plan.

### **Municipal Garage and Administrative Offices (Multiple Properties)**

**Blount County, Tennessee | 2006, 2010 & 2011**

Project Manager for Phase I ESAs, Phase II ESAs and facility hazardous materials surveys. The Phase II ESAs included the assessment of soil and groundwater. Hazardous materials surveys included asbestos, lead paint, PCB equipment, mercury-containing devices, and universal wastes.

### **United States Postal Services Facilities**

**East Tennessee | 2009 & 2011**

Project Manager for facility roof surveys. Services included the collection and description of roofing materials from surface to metal deck, documentation of deck conditions, and analysis of materials for asbestos and foam materials for phenols. Surveys also included infrared imaging to determine potential areas of leaks/water infiltration.

### **On-Call Industrial Hygiene Services, University of Tennessee**

**Knoxville, Tennessee | 2010-present**

Project Manager/Coordinator and Senior Reviewer for on-call asbestos/industrial hygiene services for the UT Campus Facilities Services Department. Typical services provided include: expedited pre-renovation asbestos surveys, bulk material sampling, analysis and reporting, abatement design specifications, and abatement air monitoring clearance sampling. Also conducting asbestos management inspections and plans for facilities regulated under AHERA.

### **University of Tennessee Cherokee Farm**

**Knoxville, Tennessee | 2010**

Project Manager for the delineation, material characterization, and disposal permitting of a pre-RCRA municipal/medical waste accumulation area. The waste material was discovered during mass grading for a large redevelopment project,

*\*Experience with previous employer.*



and the removal was therefore time-critical. The project required the accelerated negotiation of a state-issued disposal permit and the documentation of material removal and disposal for cost confirmation on behalf of the owner. Post-removal soil sampling and regulatory reporting was also conducted to obtain "case closure" from TDEC.

### **Blount Avenue Improvements**

**Knoxville, Tennessee | 2010**

Senior Project Manager for Phase I ESA, Phase II ESA, disposal permitting and remediation confirmation sampling in support of the reconfiguration of utilities and widening of Blount Avenue in downtown Knoxville. Conducted pre-construction soil probing and sampling along the corridor to provide an estimate of contaminated material for disposal permitting. Coordinated soil segregation and disposal during construction phase.

### **Hazardous Materials Survey, Naval Reserve Facility**

**Knoxville, Tennessee | 2010**

Project Manager for a pre-renovation hazardous materials survey. Assisted in the collection of material samples for analysis for asbestos and lead-based paint, and collected soil samples for analysis for RCRA metals. Completed an inventory of universal waste materials, PCBs, mercury-containing equipment and moisture intrusion conditions and mold. Provided recommendations for the management and/or disposal of identified hazardous materials.

### **EPA-funded Brownfields Community-Wide Assessment - Knoxville South Waterfront**

**Knoxville, Tennessee | 2009-present**

Senior Reviewer for community-wide assessment grant project under EPA Brownfields Program. Project activities include preparation of Project Area Environmental Database Inventory, Phase I ESAs, Generic and Site-Specific Quality Assurance Project Plan Preparation, and Phase II ESAs. Phase I assessment projects completed include a 3-acre metal fabricating facility, a 23-acre medical facility compound comprised of 6 individual parcels and a former drycleaner and petroleum bulk plant.

### **Asbestos Survey, Abatement Design and Abatement Project Monitoring, Carrick Hall University of Tennessee**

**Knoxville, Tennessee | 2009-2010**

Project Manager for pre-renovation asbestos survey for a seven-story residence hall. Asbestos survey information was used to create an asbestos abatement design specification for use by prospective abatement contractors in process and during the abatement project. During abatement, S&ME served as the owner's representative in conducting daily project monitoring, air sampling and on-site analysis, and post-abatement inspections and final clearance sampling.

### **Former Municipal Waste Disposal Area**

**Knox County, Tennessee | 2009**

Project Manager for a site assessment to determine the approximate areal extent, cover thickness, and residual landfill gas potential for a pre-RCRA municipal

*\*Experience with previous employer.*





waste disposal area in an urban setting. Data obtained from historic aerial photographs, topographic maps, and personnel interviews were integrated using GIS for the assessment planning and design. Assessment techniques included the use of a Geoprobe® to determine cover thickness and nature of waste material, and to install a post-run tubing system for gas collection and analysis.

### **EPA-funded Brownfields Community-Wide Assessment**

#### **East Tennessee | 2008-2010**

Senior Reviewer for 16-county community wide assessment under EPA Brownfields Assessment Grant Program. Project included the implementation of Phase I ESAs for properties including a knitting mill, petroleum bulk plant, furniture manufacturer, historical landfill, and riverfront corridor.

### **Aluminum Manufacturing Facility**

#### **Blount County, Tennessee | 2006-2007**

Project Manager for comprehensive building materials inventory at multiple facilities that included the identification, sampling, analysis and labeling of all identified asbestos-containing materials. The project included approximately 90 buildings or structures at the facility.

### **NETWM Landfill**

#### **Rogersville, Tennessee | 2005-present**

Hydrogeologist and Senior Reviewer for the compliance monitoring and assessment of corrective measures at a municipal solid waste landfill. Current project tasks include semi-annual groundwater compliance monitoring, statistical analysis of data and annual groundwater use surveys.

### **Blount County Highway Department**

#### **Alcoa, Tennessee | 2005**

Project Manager for facility investigation that included the environmental assessment of a 19-acre county vehicle maintenance garage and the delineation of pre-RCRA municipal landfill cells located on the site. Historic aerial photographs were geo-referenced and imported to handheld GPS for use in the field to establish test pit locations for the confirmation of landfill extent, which greatly expedited the landfill delineation. Environmental assessment and landfill delineation information was used to negotiate a Brownfield agreement. The site has been successfully redeveloped as a major retail center.

### **Former Metal Fabrication Facility**

#### **Knoxville, Tennessee | 2005**

Project Manager for pre-purchase due diligence and Phase II Environmental Site Assessment of a former large-scale industrial metal fabrication facility. The assessment also included test pit and drilling evaluation of a portion of the facility that included a coal tar disposal area associated with a historic gas light production facility.

### **Former Plasti-Line Facility**

#### **Knoxville, Tennessee | 2005**

Project Manager for pre-purchase due diligence Phase I and Phase II Environmental Site Assessment of a former thermoplastic molding facility.

*\*Experience with previous employer.*



### **Marathon Ashland Light Products Terminal**

**Knoxville, Tennessee | 2004**

Project Manager for soil sampling and delineation of shallow petroleum contamination prior to facility upgrades. Also assessed and documented soil cleanup efforts relative to a gasoline release at a pipeline manifold.

### **Burgin Dodge**

**Knoxville, Tennessee | 2003**

Project Manager for a facility assessment driven by property transaction. Duties included review of existing environmental documents and reports; a Geoprobe® assessment of the maintenance area; the installation and sampling of groundwater monitoring wells; and the coordination of facility upgrades to meet buyer requirements. Project was expedited for completion in time for closing of sale, and facility was granted no further action by state regulatory agency.

### **Former Injection Molding Facility**

**Blount County, Tennessee | 2003**

Project Manager responsible for facility assessment to determine the extent of migration of hydraulic oils beneath the process area floor slabs. Assessment also included air rotary drilling to evaluate site groundwater.

### **Pilot Oil Corporation and Pilot Travel Centers, LLC**

**Various Southeast Locations | 2002-2009**

Project Manager for Phase I and Phase II pre-purchase due diligence environmental services. Responsibilities included contract management and development and implementation of site assessment plans. Property assessments included both developed and undeveloped parcels.

### **Former Lay Packing Facility**

**Knoxville, Tennessee | 2002-2005**

Project Manager for pre-purchase environmental due diligence and regulatory-driven assessment for a former meat processing facility. The assessment of the six-acre facility included a Phase I ESA, asbestos survey, hazardous materials inventory, and soil and groundwater assessment. Post-purchase services included the sampling and in-place closure of two 20,000-gallon fuel oil heating tanks.

### **Proposed Municipal Service Center**

**Alcoa, Tennessee | 2002-2003**

Project Manager for the Phase II Environmental Assessment of a former manufacturing facility with pre-RCRA municipal landfill cells located on the property. The assessment utilized test pits, soil borings and Geoprobe® investigation techniques to document soil conditions in the vicinity of the manufacturing areas, and to define boundaries of historic landfill cells relative to proposed structures. Environmental services also included a landfill cover thickness and residual methane evaluation, and a hazardous materials survey in the powerhouse, production, and drying kiln buildings.

*\*Experience with previous employer.*



### **Former Industrial Complex**

#### **Elizabethton, Tennessee | 2002**

Project Geologist for Phase II Environmental Site Assessment prior to site redevelopment. Project included review of historic facility operations and environmental compliance issues, assessment design, plus subsurface investigation and reporting. Assessment results were used to successfully negotiate a Brownfield agreement for the site which aided in site redevelopment as a large retail center.

### **Auto Dealership**

#### **Clinton, Tennessee | 2002**

Project Manager responsible for the evaluation of possible sources of free product emanating from wet-weather springs down-gradient from the facility. Product source was determined and rock coring was used to evaluate routes of migration in karst bedrock.

### **Motiva Bulk Fuel Terminal**

#### **Nashville, Tennessee | 2000**

Project Manager for the soil and groundwater assessment relative to an aboveground release from a one million-gallon fuel storage tank.

### **Retail Fuel Outlets**

#### **Nine sites in Western and Central North Carolina | 1999-2001**

Project Manager responsible for procurement, scheduling, and field services management for soil and groundwater remediation system construction projects.

### **Anniston Army Depot**

#### **Anniston, Alabama | 1999**

Project Manager for LNAPL free product recovery system evaluation using mobile enhanced multi-phase extraction to determine aquifer parameters and free product production at various vacuum and flow rates.

### **Equiva, LLC (Chevron/Texaco)**

#### **Various sites in Tennessee | 1997-2001**

Project Manager and point of contact for underground storage tank and environmental services in middle and east Tennessee. Responsibilities included contract management, development of site assessment and corrective action plans, remediation system procurement, construction, and operation and maintenance, plus negotiation of site closures, as well as UST trust fund reimbursement management. Also conducted Phase I ESAs for facility transfers.

### **Retail Fuel Outlet**

#### **Sevierville, Tennessee | 1993-1996**

Project Manager for the assessment and remediation of a hydrocarbon release. Project included full delineation of phased product and dissolved phase hydrocarbon plume encroaching on the Little Pigeon River; installation of a cutoff product recovery trench, recovery wells and a multi-phase extraction and remediation system; NPDES permitting and monthly monitoring and remediation progress monitoring.

*\*Experience with previous employer.*



### **Bulk Fuel and Pipeline Terminal**

**Knoxville, Tennessee | 1992-1993**

Project Geologist responsible for a groundwater assessment to determine the source of large quantities of free product existing at the facility. Used geophysical assessment to determine bedrock profile to aid groundwater assessment planning.

### **Baptist Hospital**

**Knoxville, Tennessee | 1992**

Project Geologist responsible for the location, design, and installation of groundwater recovery wells in karst bedrock. Wells were installed using air rotary drilling. Well installation involved the casing of non-impacted water bearing zones.

### **Hoechst Celanese**

**Salisbury, North Carolina | 1990**

Environmental Scientist responsible for asbestos air monitoring program for plant maintenance and upgrades.

### **BASF Fibers**

**Enka, North Carolina | 1988-1991**

Environmental Scientist responsible for asbestos air monitoring and project monitoring program during industrial powerhouse demolition. Duties included bulk sampling of suspect materials, pre-abatement inspection of work area containments; personnel, work area and containment monitoring during abatement; plus clearance sampling and analysis of air samples by phase contrast microscopy (PCM). Duties also included the scheduling and supervision of IH sampling technicians conducting air monitoring for other abatement projects conducted at the facility.

## **CONTINUING EDUCATION**

- S&ME Phase I ESA Training, 2003-2012
- ASTM Vapor Encroachment Screening, 2011
- Stream Restoration and Natural Channel Design, 2004
- Natural Attenuation for Site Remediation, 1998
- Groundwater Pollution and Hydrology, 1994
- Bio-Venting, Principles and Applications, 1994
- Air Sparging for Site Remediation, 1994
- 40-Hour Hazardous Waste Operations Training, 1993 and annual 8-Hour refresher courses

*\*Experience with previous employer.*

## APPENDIX C



April 14, 2021

Goodwyn Mills Cawood  
133 Holiday Court, Suite 102  
Franklin, Tennessee 37064

Attention: Mark Paslick

Reference: **Cultural Resources Review**  
**Oak Ridge Airport**  
Roane County, Tennessee  
S&ME Project No. 4143-20-082

Dear Mr. Paslick:

S&ME, Inc. (S&ME) has completed a review of available documents and previous archaeological and historic resources reports. This work was authorized by Goodwyn Mills Cawood (GMC) through execution of a Subconsultant Agreement on March 29, 2021.

We performed this study in support of planning and development of a proposed airport at the East Tennessee Technology Park (ETTP), which was formerly the site of the K-25 Gaseous Diffusion Plant, and other U.S. Department of Energy production and research facilities.

## ◆ Regulatory Requirements

This project will include funding and/or permitting from the Federal Aviation Administration (FAA). As such this project is subject to review under the National Environmental Policy Act of 1969 (NEPA). S&ME, under the direction of GMC, is supporting GMC efforts to develop an Environmental Assessment (EA). This project is also subject to review under the National Historic Preservation Act (54 U.S.C. 300101 *et seq.*). The implementing regulations (36 CFR 800.3(a)(1)) state that "If the undertaking is a type of activity that does not have the potential to cause effects on historic properties, assuming such historic properties are present, the agency official has no further obligations under Section 106, or this part". By definition (36 CFR 800.16(i)) an "effect" is an "alteration to the characteristics of a historic property qualifying it for inclusion in or eligibility for the National Register". The construction of the proposed airport has the potential to cause effects to the historic properties that are assumed to be present, therefore Section 106 consultation is required.

## ◆ Area of Potential Effect

The Area of Potential Effect (APE) includes the footprint of the proposed airport and areas that will be potentially subject to ground disturbance from tree clearing, equipment laydown, and other construction related activities that could cause direct effects. This Direct APE is northwest of State Route 58 and includes portions of the ETTP that were previously developed as well as wooded undeveloped areas. Blair Road, a U.S. Department of Energy Haul Road, and both overhead and underground utilities cross the APE.

The indirect APE is a 3,000-foot buffer that, based on modeling will contain potential 55 db noise levels from aircraft. Given the local topography, in a valley between two ridges, a 3,000-foot buffer will also serve as an appropriate APE for potential visual impacts (Figures 1-4).

## ◆ Previous Investigations

Four previous investigations have been conducted within the APE (Figures 1 and 2).

1. In 1974 the University of Tennessee conducted an archaeological survey of the Oak Ridge Reservation. This study's stated goal was to identify prehistoric sites, but the investigators also documented resources dating to the historic period (Fielder 1974).
2. An architectural and archaeological survey of the K-25 Site and surrounding areas was conducted in 1994 (Morris 1998). This investigation concluded that the earthmoving associated with the K-25 plant and other facilities would have likely destroyed subsurface archaeological deposits. At the time of the survey, timber was being cleared due to the southern pine beetle infestation. This timbering caused extensive ground disturbance.
3. The *Phase I Archaeological Survey of Parcel ED-3 and Historic Assessment of the Happy Valley Worker Camp, Roane County, Tennessee* (Reed et al. 2008) survey investigated 182 acres in an attempt to identify the Happy Valley temporary worker housing area. The Happy Valley survey is outside of the Direct APE on the opposite side of U.S. SR 58.
4. The *Phase I Archaeological Survey of Portions of Site 40RE224, The Wheat Community, Roane County, Tennessee* (Callahan-Mims and Avery 2014) consisted of an archaeological investigation at the former location of five houses owned by John E. Arnold (711A and B), Sallie Belle Patton (722A), Ralph L. Phillips (725A), and Warren E. Jones (728A), and a barn owned by C.C. Watson (726A), and the location of the Roane College at the time that the property was purchased by the U.S. War Department.

## ◆ Resources in the APE

Previous investigations have identified a variety of resources in the APE (Figures 3 and 4).

**K-25 facility** – A Memorandum of Agreement (MOA) for the interpretation of historic properties at ETPP was executed in 2012. The MOA stipulates preservation of the K-25 Preservation Footprint and includes development of an equipment building and viewing tower to display equipment from the K-25 facility. A history center will also be developed in the Fire Station housed in building K-1652. The proposed undertaking will have no effect on this resource.

**Happy Valley Worker Camp (40RE577)** – The identified resources associated with the Happy Valley Worker Camp are identified with site number 40RE577. These resources are eligible for inclusion on the National Register of Historic Places (NRHP) under Criterion A for their association with the Manhattan Project (Reed et al. 2008). The proposed undertaking will have no effect on this resource.

**Wheat Community Archaeological District (40RE224)** – Site 40RE224 includes the George Jones Memorial Baptist Church, the George Arnold Property (site 711B), and Roane College.

George Jones Memorial Baptist Church was listed on the NRHP in 1992 and is significant under Criterion A for its association with the social history of the Wheat community, especially in reference to the Manhattan Project. The church is significant under Criterion C as a good example of the type vernacular churches that were commonly constructed in rural areas.

Callahan-Mims and Avery (2014) found Sites 711A (John E. Arnold Property), 725A (Ralph Phillips Property), 726A (Chester C. and Hattie Watson Property), 728-1 and 728-2 (Warren E. Jones Property), and CRA-1 not NRHP-eligible and recommended that further investigation of these sites was not warranted. Site 722A (Sallie Belle Patton Property) was not relocated during the 2014 survey. Callahan-Mims and Avery recommended additional investigations to evaluate the significance of Roane College and the George Arnold Property (Site 711B) and determine whether they contribute to the significance of the Wheat Community Archaeological District. Implementation of the proposed undertaking will adversely affect the George Jones Memorial Baptist Church and other historic properties, if present, in the Wheat Community Archaeological District.

**Cemeteries** – There are five cemeteries located within the indirect APE outside of the proposed airport construction limits. The Wheat Community African Burial Ground is located east of SR 58 and a cemetery associated with the Crawford Cumberland Presbyterian Church is located near the interchange of SR 58 and SR 95. The Ellis Cemetery is north of the Direct APE along Blair Road, and the Gallaher and Welcker cemeteries are south of the Direct APE near the confluence of Poplar Creek and the Clinch River.

The George Jones Memorial Cemetery is located adjacent to the church and within the Direct APE.

Cemeteries are not usually considered eligible for listing in NRHP; however, they can be eligible under certain Criteria Considerations, usually Criteria Consideration D. Criteria Consideration D states that: “a cemetery is eligible if it derives its primary significance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events.” The cemeteries are small family plots or associated with a church, a pattern typical of a rural community. The people interred in the nearby cemeteries are multiple members of the Wheat Community, or were enslaved by members of the Wheat Community, and lived in the area, none of whom have been identified by past studies as being of transcendent importance.

## ◆ Discussion

The majority of the Direct APE has been impacted by either the development, use, and subsequent demolition of the K-25 facility or other land uses such as historic period farming and more recent timbering activities. As such a systematic archaeological survey for the proposed undertaking is not necessary.

The NRHP-listed George Jones Memorial Baptist Church and its associated cemetery, as well as two currently unevaluated resources (George Arnold Property [Site 711B], and Roane College) are in the Direct APE. We recommend a project design that avoids potential effects to significant resources or if avoidance is not feasible development of a MOA to address the adverse effects.



◆ **Closing**

We appreciate the opportunity to provide the cultural resources services for this project. If you have any questions regarding the information in this letter, please contact us by email at [abrummitt@smeinc.com](mailto:abrummitt@smeinc.com) or by telephone at 843.972.0100.

Sincerely,

**S&ME, Inc.**



Aaron Brummitt, RPA  
Senior Archaeologist



Kimberly Nagle, RPA  
Senior Archaeologist

Attachments: Figures 1-4

## ◆ References Cited

Callahan-Mims Amanda F. and Paul G. Avery

2014. *Phase I Archaeological Survey of Portions of Site 40RE224, The Wheat Community, Roane County, Tennessee*. Cultural Resource Analysts, Inc. Knoxville

Fielder, J r., George F.

1974. *Archaeological Survey with Emphasis on Prehistoric Sites of the Oak Ridge Reservation, Oak Ridge, Tennessee*. The University of Tennessee, Knoxville.

Morris, M. W.

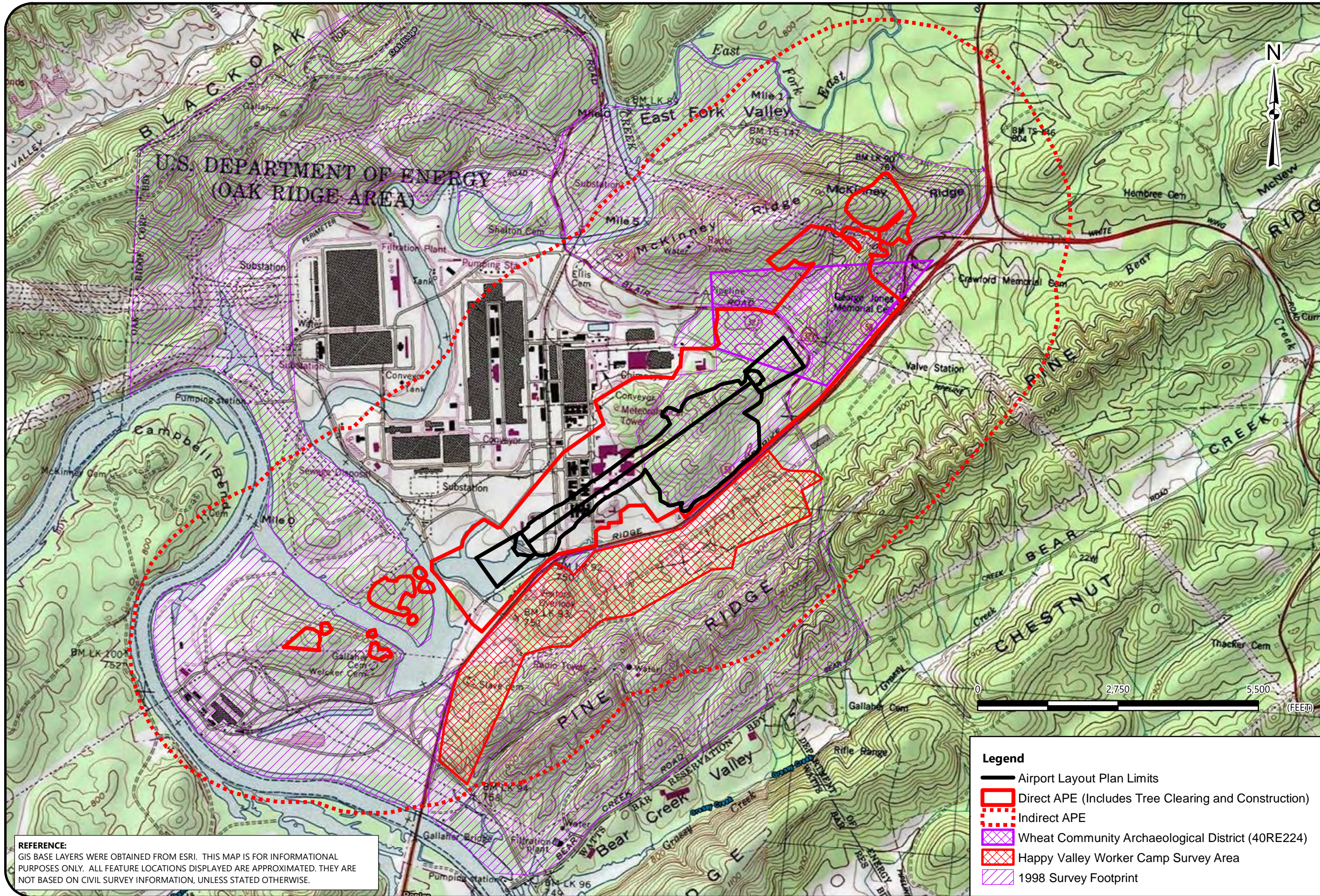
1998. *K-25 Site Cultural Resources Survey Archaeological Reconnaissance*, prepared for U.S. Department of Energy, Office of Environmental Management, by Jacobs EM Team, Oak Ridge.

National Register of Historic Places

1992. *Nomination Form for George Jones Memorial Baptist Church (Wheat Church)*. Available online at <https://catalog.archives.gov/id/135817172>. Accessed April 12, 2021

Reed, Mary Beth; Diana Valk; David Price; and Jennifer Matternes

2008. *Phase I Archaeological Survey of Parcel ED-3 and Historic Assessment of the Happy Valley Worker Camp, Roane County, Tennessee*, New South Associates Nashville.



**REFERENCE:**  
 GIS BASE LAYERS WERE OBTAINED FROM ESRI. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



**Area of Potential Effect and Footprint of Previous Investigations**

Oak Ridge Airport  
 U.S. Highway 58  
 Roane County, Tennessee

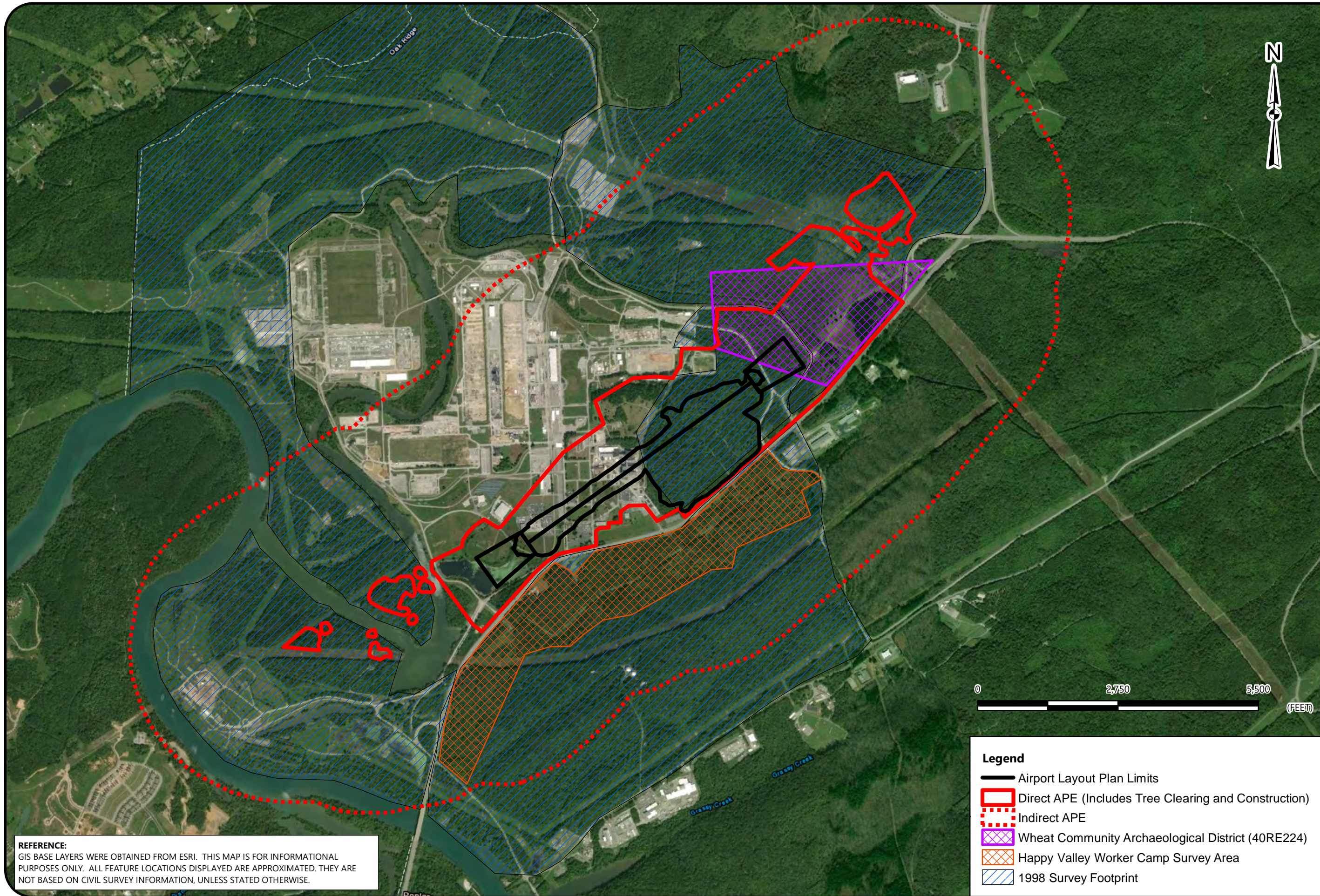
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 4-13-21

PROJECT NUMBER  
 4143-20-082

FIGURE NO.

**1**



**Area of Potential Effect and Footprint of Previous Investigations**

Oak Ridge Airport  
 U.S. Highway 58  
 Roane County, Tennessee

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 4-13-21

PROJECT NUMBER  
 4143-20-082

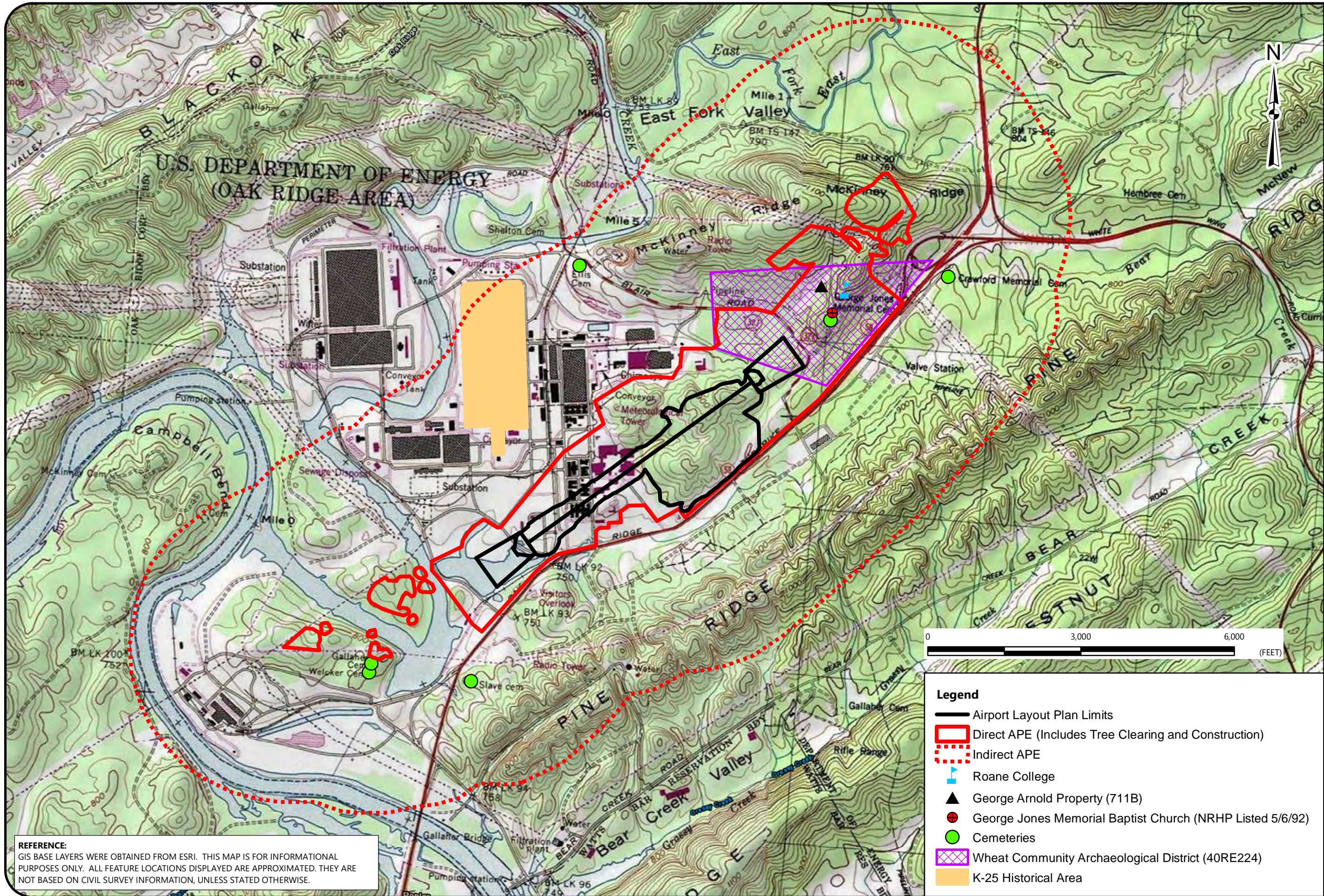
FIGURE NO.

**2**



- Legend**
- Airport Layout Plan Limits
  - Direct APE (Includes Tree Clearing and Construction)
  - Indirect APE
  - Wheat Community Archaeological District (40RE224)
  - Happy Valley Worker Camp Survey Area
  - 1998 Survey Footprint

**REFERENCE:**  
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- Legend**
- Airport Layout Plan Limits
  - Direct APE (Includes Tree Clearing and Construction)
  - Indirect APE
  - Roane College
  - George Arnold Property (711B)
  - George Jones Memorial Baptist Church (NRHP Listed 5/6/92)
  - Cemeteries
  - Wheat Community Archaeological District (40RE224)
  - K-25 Historical Area



**Area of Potential Effect and Previously Documented Resources**

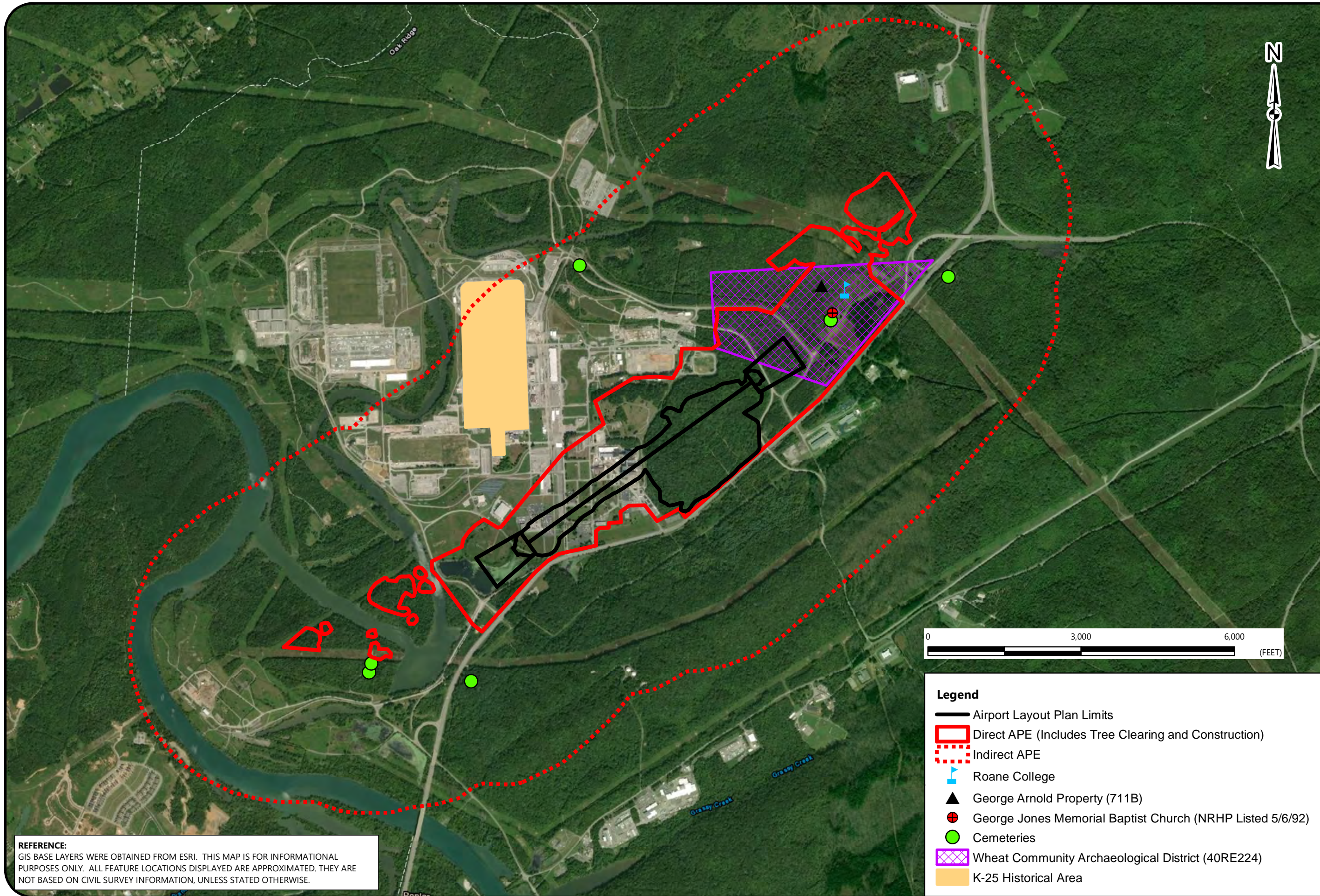
Oak Ridge Airport  
 U.S. Highway 58  
 Roane County, Tennessee

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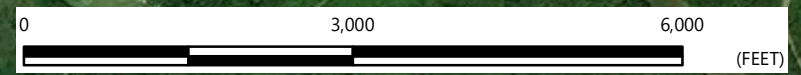
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 4143-20-082

FIGURE NO.



Area of Potential Effect and Previously Documented Resources

Oak Ridge Airport  
 U.S. Highway 58  
 Roane County, Tennessee



- Legend**
- Airport Layout Plan Limits
  - Direct APE (Includes Tree Clearing and Construction)
  - Indirect APE
  - Roane College
  - George Arnold Property (711B)
  - George Jones Memorial Baptist Church (NRHP Listed 5/6/92)
  - Cemeteries
  - Wheat Community Archaeological District (40RE224)
  - K-25 Historical Area

**REFERENCE:**  
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 4-13-21

PROJECT NUMBER  
 4143-20-082

FIGURE NO.

**4**

**APPENDIX D**



Jurisdictional Waters Report  
Oak Ridge Airport  
Oak Ridge, Roane County, Tennessee  
S&ME Project No. 4143-20-082

PREPARED FOR:

**Goodwyn Mills Cawood**  
**133 Holiday Court, Suite 102**  
**Franklin, Tennessee 37064**

PREPARED BY:

**S&ME, Inc.**  
**6515 Nightingale Lane**  
**Knoxville, Tennessee 37909**

**May 18, 2021**





May 18, 2021

Tennessee Department of Environment & Knoxville  
Environmental Field Office  
3711 Middlebrook Pike  
Knoxville, Tennessee 37921  
Attention: Ms. Shari Winburn

U.S. Army Corps of Engineers  
Nashville Regulatory District  
3701 Bell Road  
Nashville, Tennessee 37214  
Attention: Mr. Casey Ehorn

Reference: **Jurisdictional Waters Report  
Oak Ridge Airport**  
Oak Ridge, Roane County, Tennessee  
S&ME Project No. 4143-20-082

Dear Shari and Casey,

S&ME, Inc. (S&ME) is submitting this report to present the results of the jurisdictional waters evaluation completed by S&ME in April 2021 on approximately 475 acres of land northwest of the Oak Ridge Turnpike near the intersection with Blair Road in Oak Ridge, Roane County, Tennessee. The property is proposed for the development of the Oak Ridge Airport, and portions of the site were previously used for Department of Energy (DOE) operations. The following report details the wetland and stream delineation performed by S&ME and includes background information, methodology, observed waters of the U.S. (WOUS) and waters of the state (WOTS), and relevant figures and photographs.

S&ME is providing this Jurisdictional Waters Report for your review and requests U.S. Army Corps of Engineers (USACE) and Tennessee Department of Environment and Conservation (TDEC) verification of the WOUS and WOTS at the site. We will contact you to schedule a site visit, if required. In the meantime, if you have any questions regarding this report please feel free to contact us.

Sincerely,

**S&ME, Inc.**

A handwritten signature in black ink, appearing to read 'Josh P. Rowe'.

Josh P. Rowe, QHP  
Project Scientist

A handwritten signature in black ink, appearing to read 'Elizabeth M. Porter'.

Elizabeth M. Porter, PMP, PG  
Vice President



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## Appendices

### Appendix I – Figures

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### Appendix III – Wetland Determination Datasheets

- USACE Wetland & Upland Determination Data Sheets



## 1.0 Project Description

The City of Oak Ridge (the City) proposes to construct a new airport on approximately 475 acres of land northwest of the Oak Ridge Turnpike near the intersection with Blair Road in Oak Ridge, Roane County, Tennessee (Figure 1, Appendix I). Portions of the site were previously used for Department of Energy (DOE) operations for the K-25 uranium enrichment facility site, which the DOE has been working for more than 10 years to reclaim for industrial use. The proposed project is located in the area now known as the Heritage Center Industrial Park. The proposed airport will assist in the revitalization of the industrial park and the City anticipates that it will prove to be an economic generator bringing jobs and visitors from around the country to the region.

## 2.0 Literature and Database Review

Prior to our site visit, S&ME performed a literature review of the subject property to determine potential areas of concern to be evaluated while in the field. This included a review of the U.S. Geological Survey (USGS) 7.5-minute topographic quadrangle map, the Tennessee Department of Environment and Conservation (TDEC) 303(d) draft list, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) maps, historic aerial photographs, and the Natural Resources Conservation Service (NRCS) soil survey database.

The property is located on a portion of the U.S. Geological Survey (USGS) Topographic Quadrangle maps for Elverton and Bethel Valley, Tennessee (Figure 1, Appendix I), and the latitude and longitude near the center of the site are 35.932520°N, -84.380392°W. According to the topographic map, TDEC stream database, and NWI map (Figure 2, Appendix I), the Clinch River and Poplar Creek embayment flow across the southwestern portion of the site; one additional blue-line stream flows to the northwest near the center of the project area. Three additional open-water areas are also shown on the topographic and NWI maps near the southwestern corner. Field verification by S&ME confirmed the presence of the features shown on the topographic, NWI, and TDEC database maps; however, multiple other streams and wetlands not identified during the database review were also delineated during the site visit.

The entire site drains to the 8-digit Lower Clinch River watershed (06010207), and the majority of the site drains to the 12-digit Hydrologic Unit Code (HUC) Poplar Creek Lower watershed (060102070303). However, the northeastern-most corner where trees will be cleared for the runway protection zone (RPZ) drains to the East Fork Poplar Creek 12-digit HUC watershed (060102070302). The entire site is also located within the Southern Limestone/Dolomite Valleys and Low Rolling Hills (67f) ecoregion.

Current NRCS soil survey data for DOE property is not available. However, an Environmental Assessment (EA) completed by DOE in 2016 referenced a soil survey created in 1942, prior to the start of DOE operations. The EA showed soils mapped within the proposed airport construction limits. The map and soils type with descriptions provided in the 2016 DOE EA are shown on Figure 3 (attached).



### 3.0 Field Review

S&ME personnel visited the site in April 2021 to locate and delineate waters of the U.S. (WOTUS) and waters of the state (WOTS) within the project area. The primary site-development area is bordered by Perimeter Road and the Poplar Creek Embayment to the southwest, Oak Ridge Turnpike to the south/southeast, forest to the north/northeast/northwest, and the K-25 Site footprint to the west. The surrounding area is primarily forest on all sides except for the north, which consists of the K-25 Site that is currently in the demolition, cleanup, and redevelopment stages. Additional small polygonal areas are also located to the southwest and northeast of the primary airport site. These areas will require tree clearing within the proposed RPZ; these areas are surrounded by mature forest.

Due to historical use of the site, the southwest third of the site is comprised of buildings, pavement, roads, utilities, stormwater ponds, and lawn. The remainder of the site consists of mature and successional forest transected by roads, cleared powerline easements, and church/cemetery grounds.

During S&ME's site visits, 17 perennial/intermittent streams (S1-S17), 10 wet weather conveyances (WWCs)/ephemeral streams (WWC/ES1-WWC/ES10), 28 wetlands (WA-WCC, excluding WD<sup>1</sup>), and four open water areas (OW1-OW4) were observed within the evaluation boundary. The locations of the potentially jurisdictional waters are shown in the attached Jurisdictional Waters Maps (Figure 4 and Figures 4A – 4C, Appendix I); representative photographs of these features are also attached (Figure 5, Appendix I).

#### *Drainage Feature Assessment*

Two S&ME Qualified Hydrologic Professionals (QHPs) trained in the TDEC *Guidance for Making Hydrologic Determinations* (the Guidance) performed an evaluation of the site to identify and characterize on-site drainage features. The Guidance recommends that site visits occur at least 48 hours following a significant rain event so that the presence of stormwater doesn't influence the stream classification scoring. S&ME visited the site multiple times between April 6<sup>th</sup> and April 29<sup>th</sup>, 2021, so previous rainfall varied depending on the date of the site visit. Most of the stream/WWC determinations were performed using the primary indicators for *flowing water in channel 7 days after rainfall >0.1"* and *watercourse being dry anytime between February and April 15<sup>th</sup> under normal circumstances*. According to the USACE Antecedent Precipitation Tool, Version 1.0, calculation of normal weather conditions (attached in Appendix II), S&ME also determined that the evaluation period (i.e., the prior three months) has been normal. Twenty-seven drainage features were identified by S&ME during the site visit.

S1 is a short, wide drainage with moderate flow that exits an outfall, flows into a road-crossing culvert, and exits into WA. This stream is likely a continuation of S9, which is a larger second-order stream on the northcentral portion of the site that flows southwest and enters a culvert, where it appears to go underground and flow beneath the former DOE area.

---

<sup>1</sup> WD was delineated prior to a revision of the project boundary, which excluded WD from the evaluation area. Rather than renumbering the wetlands (which correspond to labeled flags in the field), details for WD were removed from this report.

## Jurisdictional Waters Report

### Oak Ridge Airport

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082



S2 is a small first-order stream that originates at a headcut below WWC/ES2. It provides hydrology to wetland WE before exiting the site to the north.

S3 through S6 and S14 are all tributaries within the same local watershed. S3 is a first-order tributary that starts at a wetland (WF) and flows north. It converges with S4 near the edge of the evaluation boundary. S4 is a large second-order stream that flows southwest across the western half of the site. It starts at a headcut just below WWC/ES6 and ultimately exits the site to the west. S5 and S6 are also first-order tributaries that flow north to converge with S4. S14 is a small seep-fed tributary that converges with S4 and originates at wetland WY as a groundwater-fed wetland.

S7 and S8 are both small first-order streams that flow offsite to the south. Each tributary obtains hydrology from groundwater seeps, wetlands, and overland stormwater flow.

S9 through S13 are tributaries that converge and contribute flow offsite to the west as S9. S9 is a larger second-order stream that flows southwest where it goes underground below the former DOE area; it most likely outfalls on the west side of the site as S1. S10 through S13 are all first-order tributaries to S9 and are influenced by multiple wetlands.

S15 through S17 are tributaries within the same local watershed. S15 is a larger incised stream that flows to the northeast; it begins at wetland WBB just below WWC/ES7. S16 and S17 are both small tributaries to S15. S16 comes from offsite, and S17 begins just below a headcut at WWC/ES8.

WWC/ES1 and WWC/ES9 are both small, isolated ditches with small amounts of water and ordinary high-water marks (OHWMs). WWC/ES3 and WWC/ES4 connect wetlands WM and WL to S7. WWC/ES5 connects wetland WT to S12. WWC/ES10 is a small drainage to S4.

All drainage features observed onsite were assessed using the TDEC Guidance, which provides a score for each stream's geomorphic, hydrologic, and biological characteristics. The individual stream descriptions and their corresponding scores can be found on the completed TDEC Hydrologic Determination Field Data Sheets in Appendix II.

### *Wetland Assessment and Delineation*

According to the 1987 *Corps of Engineers Wetlands Delineation Manual* and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region* (2012), an area must meet three criteria to be considered a jurisdictional wetland. The three criteria are hydric soils, hydrophytic vegetation, and wetland hydrology. If any one of the three criteria are absent, the area is not considered a jurisdictional wetland. An S&ME professional wetland scientist (PWS) and an S&ME staff scientist performed a field review of the site, investigating low-lying areas and valleys that may have the potential for extended periods of saturation, areas mapped by the NRCS soil survey as possessing hydric soils, as well as areas shown on the NWI map as either streams or wetlands. Within the property, 28 wetlands and four open water areas were observed.

Wetland WA is the largest wetland within the evaluation area and is connected to the Poplar Creek embayment to the west by a road culvert. It is a palustrine emergent (PEM) wetland with a large portion of open-water habitat (OW1). Wetland WB and WC are separated from WA by a railroad track; they each also have open-water habitat (OW2 and OW3) near the deeper, central portion of the delineated boundaries. WB is palustrine scrub-shrub (PSS)



and WC is PEM during the growing season. OW4 is an isolated pond with no wetland fringe. Wetlands WJ and WK are also PEM wetlands connected to stream S5.

Wetlands WE, WH, WI, WM through WP, WR through WZ, WAA, and WBB are all palustrine forested (PFO) wetlands that are connected to various streams throughout the site, except for WW which is isolated. Wetlands WF, WG, WL, WQ, and WCC are PSS wetlands all connected to streams. All wetlands shown on Figures 4, and 4A through 4C (Appendix I) had hydric soils, hydrophytic vegetation, and primary and secondary hydrology indicators. More detailed descriptions of the wetlands can be found in Appendix III on the USACE Wetland Determination Data Sheets.

## 4.0 Conclusion

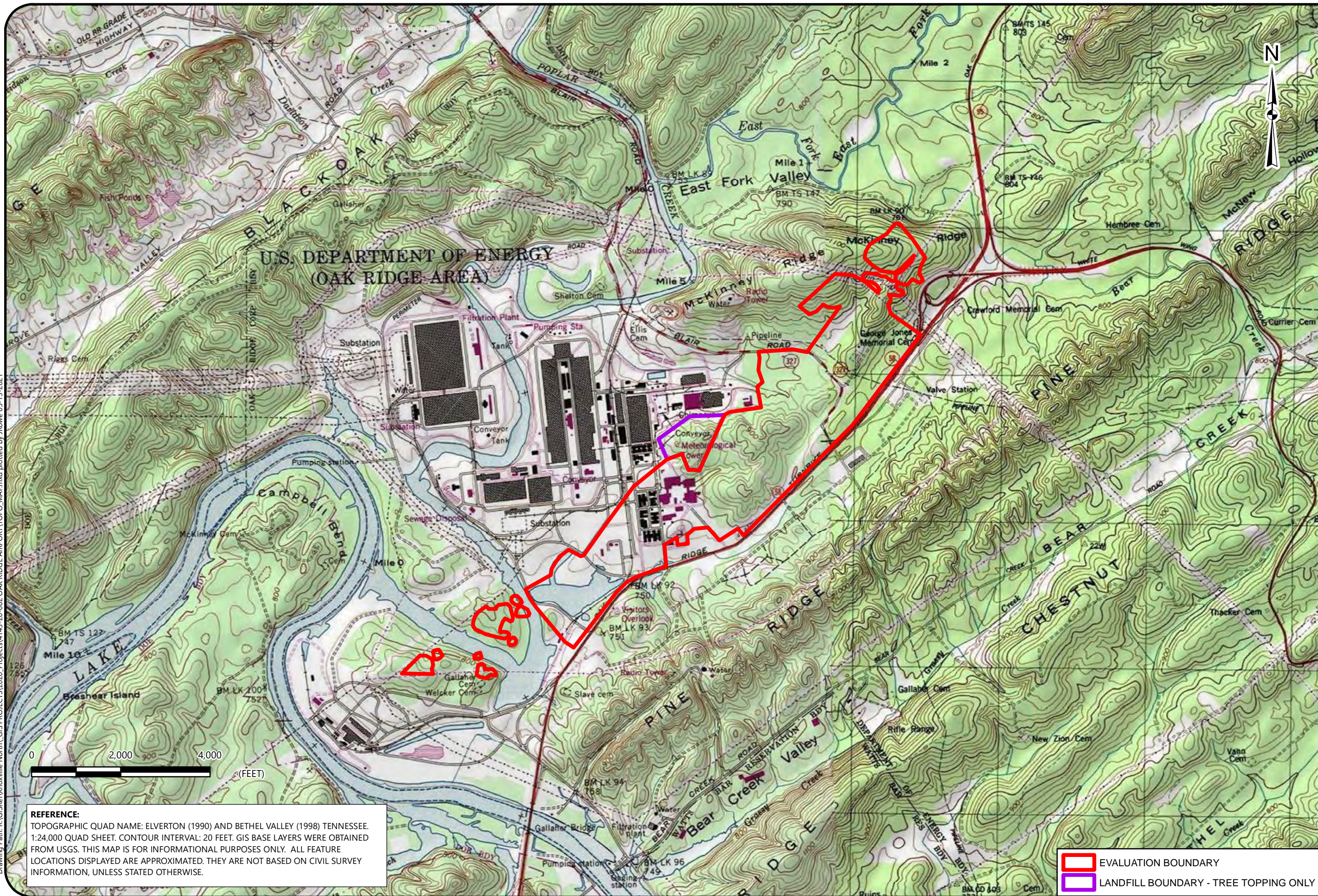
S&ME performed a pedestrian review of the project area in April 2021 and identified 17 perennial / intermittent streams, 10 WWCs/ephemeral streams, 28 wetlands, and four open-water areas. Since perennial / intermittent streams and wetlands such as those observed onsite can be considered jurisdictional by the USACE and/or TDEC, impacts to these WOTS and/or WOUS (e.g., piping, dredging, fill, or relocations) require permits from both regulatory agencies. S&ME requests an Approved Jurisdictional Determination (AJD) from the USACE and an HD from TDEC to assist with site planning activities and for inclusion in the environmental assessment (EA) documentation. S&ME appreciates your assistance with this request. If you have any questions regarding this report, please call or email Josh Rowe ((865)970-0003, [jrowe@smeinc.com](mailto:jrowe@smeinc.com)).

## Appendices

## **Appendix I –Figures**



Drawing Path: R:\GIS\Ref\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\TOPO.MAP.mxd plotted by jRowe 05-13-2021





USGS TOPOGRAPHIC MAP

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

SCALE:  
1" = 2,000'  
DATE:  
5-13-2021  
PROJECT NUMBER  
4143-20-082  
FIGURE NO.

1

**REFERENCE:**  
TOPOGRAPHIC QUAD NAME: ELVERTON (1990) AND BETHEL VALLEY (1998) TENNESSEE.  
1:24,000 QUAD SHEET. CONTOUR INTERVAL: 20 FEET. GIS BASE LAYERS WERE OBTAINED FROM USGS. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

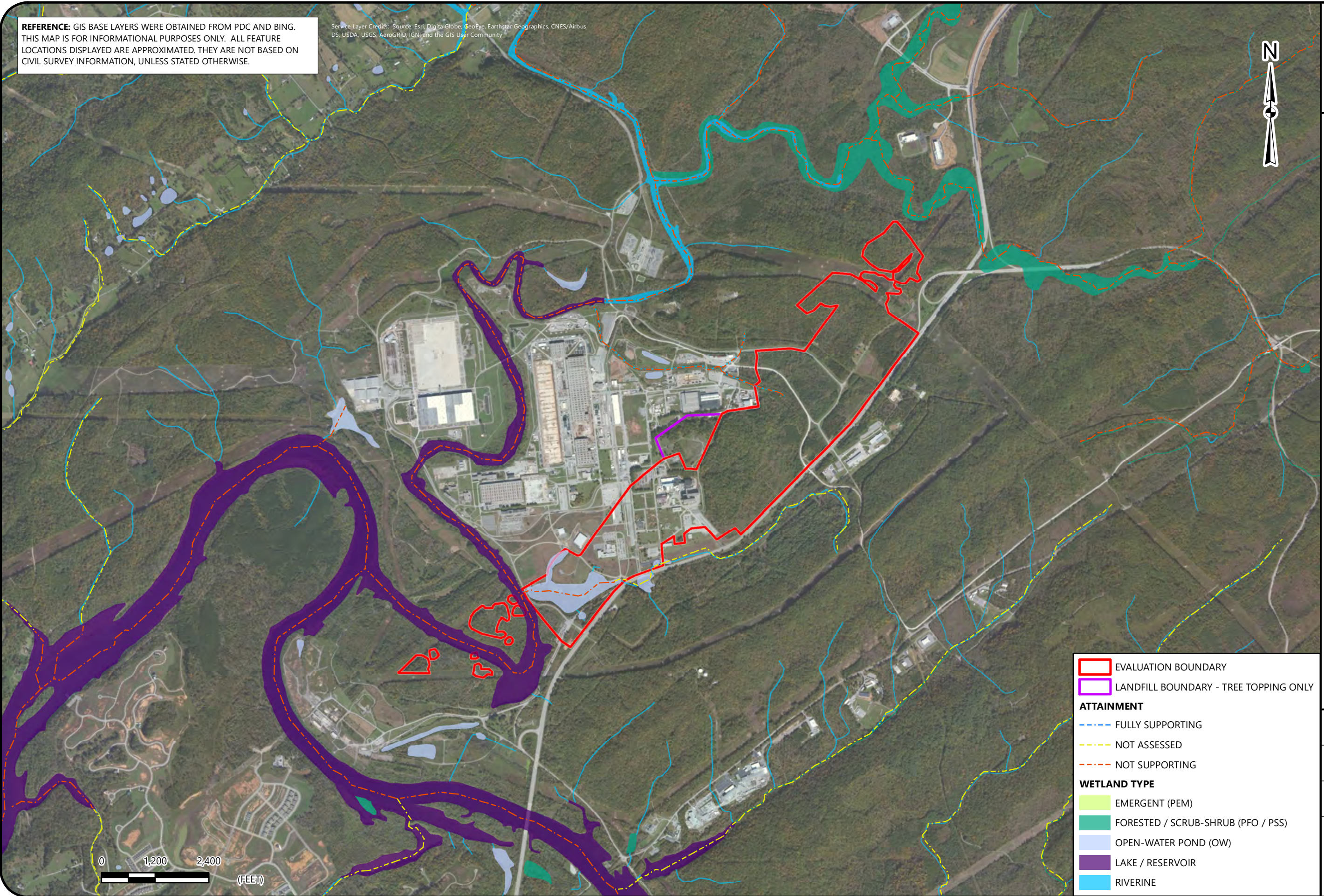
 EVALUATION BOUNDARY  
 LANDFILL BOUNDARY - TREE TOPPING ONLY











**REFERENCE:** GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Drawing Path: R:\GISRe\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\DATABASE\_MAP.mxd plotted by JRowe 05-05-2021



	EVALUATION BOUNDARY
	LANDFILL BOUNDARY - TREE TOPPING ONLY
<b>ATTAINMENT</b>	
	FULLY SUPPORTING
	NOT ASSESSED
	NOT SUPPORTING
<b>WETLAND TYPE</b>	
	EMERGENT (PEM)
	FORESTED / SCRUB-SHRUB (PFO / PSS)
	OPEN-WATER POND (OW)
	LAKE / RESERVOIR
	RIVERINE

**DATABASE REVIEW MAP**

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

SCALE:  
1" = 2,000'

DATE:  
5-5-2021

PROJECT NUMBER  
4143-20-082

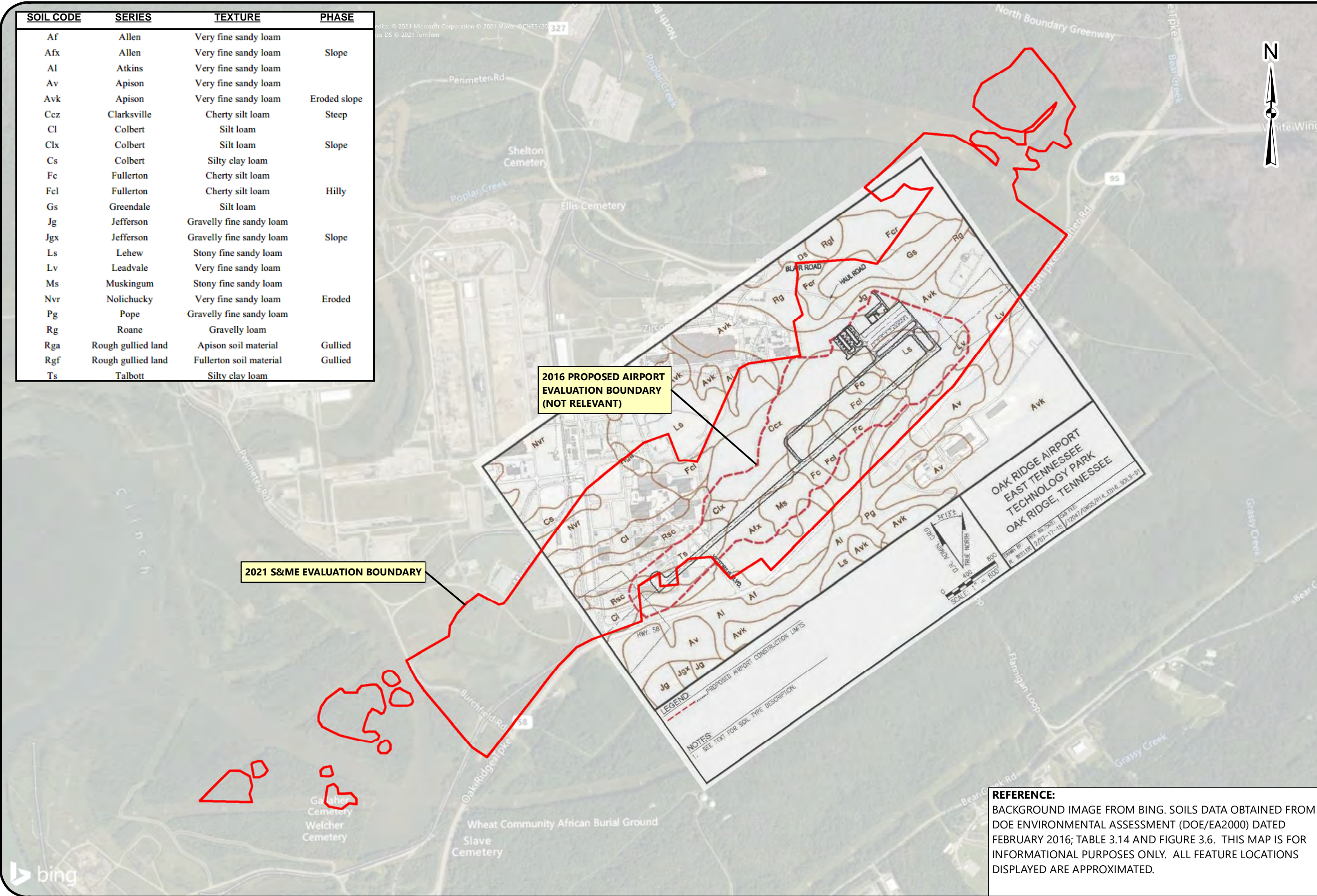
FIGURE NO.

**2**

SOIL CODE	SERIES	TEXTURE	PHASE
Af	Allen	Very fine sandy loam	
Afx	Allen	Very fine sandy loam	Slope
Al	Atkins	Very fine sandy loam	
Av	Apison	Very fine sandy loam	
Avk	Apison	Very fine sandy loam	Eroded slope
Ccz	Clarksville	Cherty silt loam	Steep
Cl	Colbert	Silt loam	
Clx	Colbert	Silt loam	Slope
Cs	Colbert	Silty clay loam	
Fc	Fullerton	Cherty silt loam	
Fcl	Fullerton	Cherty silt loam	Hilly
Gs	Greendale	Silt loam	
Jg	Jefferson	Gravelly fine sandy loam	
Jgx	Jefferson	Gravelly fine sandy loam	Slope
Ls	Lehew	Stony fine sandy loam	
Lv	Leadvale	Very fine sandy loam	
Ms	Muskingum	Stony fine sandy loam	
Nvr	Nolichucky	Very fine sandy loam	Eroded
Pg	Pope	Gravelly fine sandy loam	
Rg	Roane	Gravelly loam	
Rga	Rough gullied land	Apison soil material	Gullied
Rgf	Rough gullied land	Fullerton soil material	Gullied
Ts	Talbott	Silty clay loam	

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Drawing Path: R:\GIS\Re\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\SOILS MAP.mxd plotted by JRowe 05-13-2021



**SOILS MAP**

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE

SCALE:  
NTS  
DATE:  
5-13-2021

PROJECT NUMBER  
4143-20-082

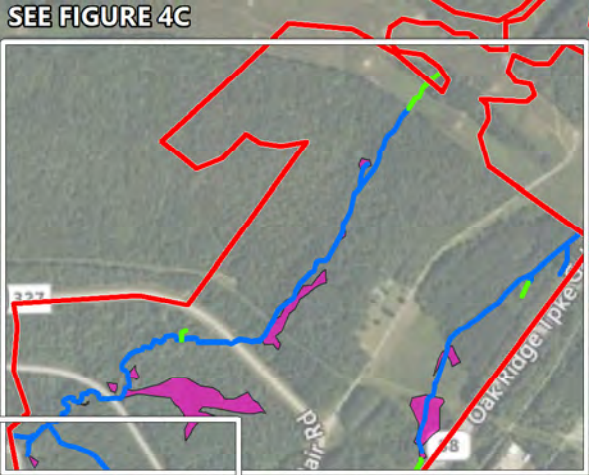
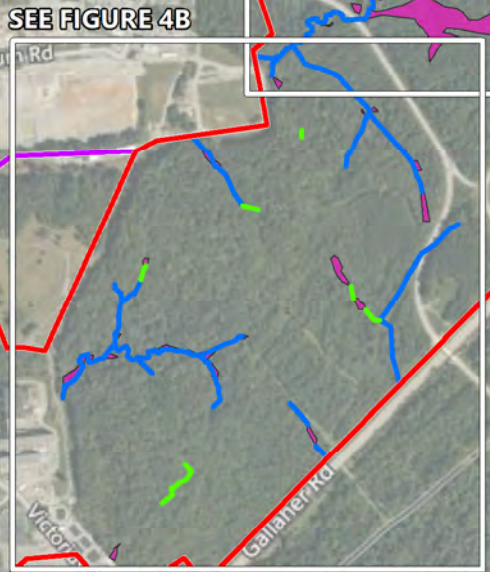
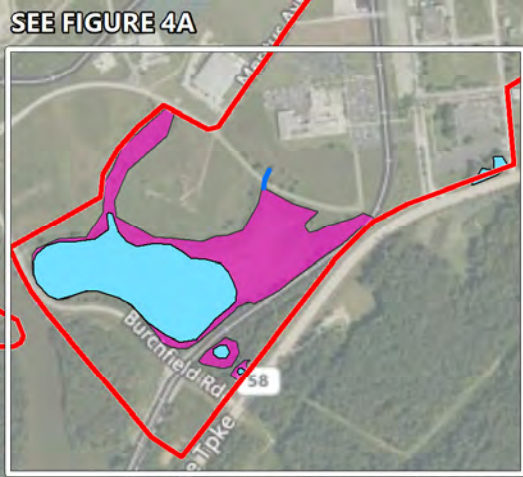
FIGURE NO.  
**3**

**REFERENCE:**  
BACKGROUND IMAGE FROM BING. SOILS DATA OBTAINED FROM DOE ENVIRONMENTAL ASSESSMENT (DOE/EA2000) DATED FEBRUARY 2016; TABLE 3.14 AND FIGURE 3.6. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED.



Drawing Path: R:\GISRefr\Knoxville North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\FIG 4 JD WATERS MAP.mxd plotted by JRowe 05-14-2021

OPEN WATER	ACRE	NAME	LENGTH (FT)
OW1	11.50	WWC/ES 1	47
OW2	0.15	WWC/ES 2	100
OW3	0.03	WWC/ES 3	120
OW4	0.30	WWC/ES 4	82
<b>TOTAL</b>	<b>11.98</b>	WWC/ES 5	93
		WWC/ES 6	320
		WWC/ES 7	104
		WWC/ES 8	94
		WWC/ES 9	359
		WWC/ES 10	68
		<b>TOTAL</b>	<b>1386</b>
NAME	AREA	NAME	LENGTH (FT)
WA	11.50	S1	114
WAA	0.78	S2	558
WB	0.60	S3	141
WBB	1.02	S4	4030
WC	0.17	S5	1274
WCC	0.19	S6	387
WE	0.11	S7	1247
WF	0.04	S8	276
WG	0.01	S9	1646
WH	0.01	S10	390
WI	0.02	S11	135
WJ	0.05	S12	448
WK	0.14	S13	201
WL	0.06	S14	154
WM	0.16	S15	1817
WN	0.07	S16	195
WO	0.01	S17	63
WP	0.33	<b>TOTAL</b>	<b>13076</b>
WQ	0.25		
WR	0.04		
WS	0.01		
WT	0.03		
WU	2.41		
WV	0.07		
WW	0.06		
WX	0.05		
WY	0.08		
WZ	0.04		
<b>TOTAL</b>	<b>20.3</b>		



**REFERENCE:**  
 GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

- WWC / EPHEMERAL
- STREAM
- WETLAND
- OPEN WATER
- LANDFILL BOUNDARY - TREE TOPPING ONLY
- EVALUATION BOUNDARY

**JURISDICTIONAL WATERS MAP**

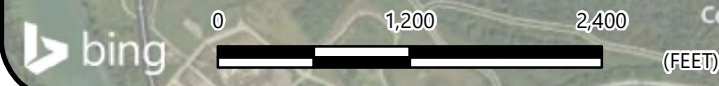
OAK RIDGE AIRPORT  
 OAK RIDGE, TENNESSEE

SCALE:  
 1" = 1,200'

DATE:  
 5-14-2021

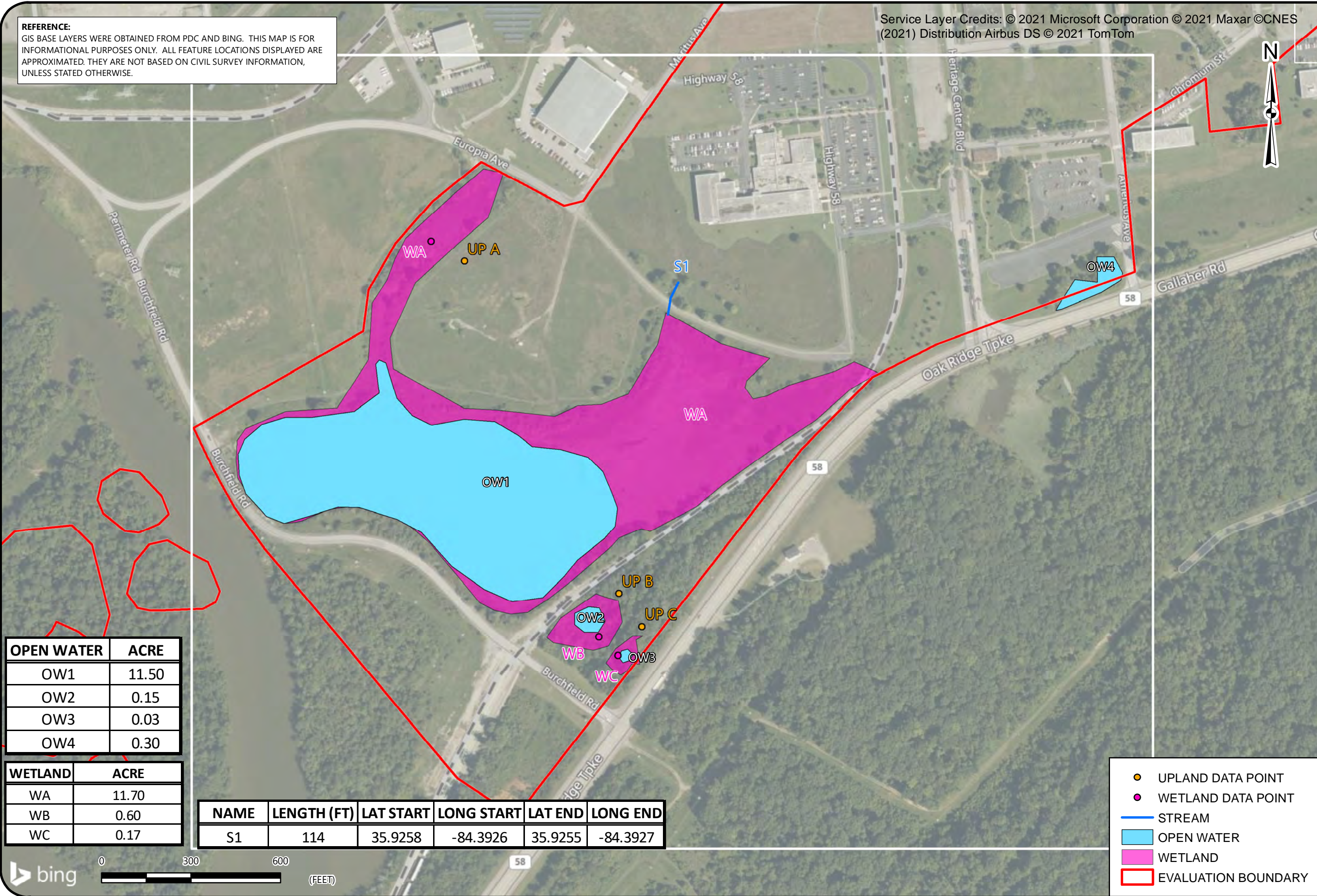
PROJECT NUMBER  
 4143-20-082

FIGURE NO.



**REFERENCE:**  
 GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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OPEN WATER	ACRE
OW1	11.50
OW2	0.15
OW3	0.03
OW4	0.30

WETLAND	ACRE
WA	11.70
WB	0.60
WC	0.17

NAME	LENGTH (FT)	LAT START	LONG START	LAT END	LONG END
S1	114	35.9258	-84.3926	35.9255	-84.3927

**JURISDICTIONAL WATERS MAP**

OAK RIDGE AIRPORT  
 OAK RIDGE, TENNESSEE

SCALE:  
 1" = 300'

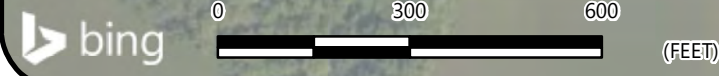
DATE:  
 5-14-2021

PROJECT NUMBER  
 4143-20-082

FIGURE NO.

**4A**

Drawing Path: R:\GISRefr(Knoxville North)\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\FIG 4A.JD WATERS MAP.mxd plotted by JRowe 05-14-2021



**REFERENCE:**  
 GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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WETLAND	ACRE
WE	0.11
WF	0.04
WH	0.01
WI	0.02
WJ	0.05
WK	0.14
WL	0.06
WM	0.16
WN	0.07
WO	0.01
WP	0.33
WQ	0.25
WR	0.04
WS	0.01
WT	0.03
WU	2.41
WX	0.05

NAME	LENGTH (FT)	LAT START	LONG START	LAT END	LONG END
WWC/ES 1	47	35.9353	-84.3793	35.9354	-84.3793
WWC/ES 2	100	35.9341	-84.3806	35.9341	-84.3802
WWC/ES 3	120	35.9323	-84.3780	35.9321	-84.3777
WWC/ES 4	82	35.9327	-84.3783	35.9325	-84.3783
WWC/ES 5	93	35.9331	-84.3826	35.9329	-84.3827
WWC/ES 9	359	35.9297	-84.3819	35.9290	-84.3824

NAME	LENGTH (FT)	LAT START	LONG START	LAT END	LONG END
S2	558	35.9366	-84.3816	35.9341	-84.3806
S3	141	35.9364	-84.3799	35.9367	-84.3797
S4	4030	35.9368	-84.3805	35.9422	-84.3717
S5	1274	35.9368	-84.3795	35.9343	-84.3768
S6	387	35.9348	-84.3784	35.9357	-84.3778
S7	1247	35.9338	-84.3760	35.9310	-84.3773
S8	276	35.9307	-84.3796	35.9298	-84.3788
S9	1646	35.9319	-84.3806	35.9309	-84.3844
S10	390	35.9307	-84.3812	35.9316	-84.3815
S11	135	35.9313	-84.3825	35.9316	-84.3828
S12	448	35.9328	-84.3833	35.9317	-84.3834
S13	201	35.9329	-84.3827	35.9325	-84.3831

- UPLAND DATA POINT
- WETLAND DATA POINT
- WWC / EPHEMERAL
- STREAM
- WETLAND
- LANDFILL BOUNDARY - TREE TOPPING ONLY
- EVALUATION BOUNDARY

SCALE:  
1" = 400'

DATE:  
5-14-2021

PROJECT NUMBER  
4143-20-082

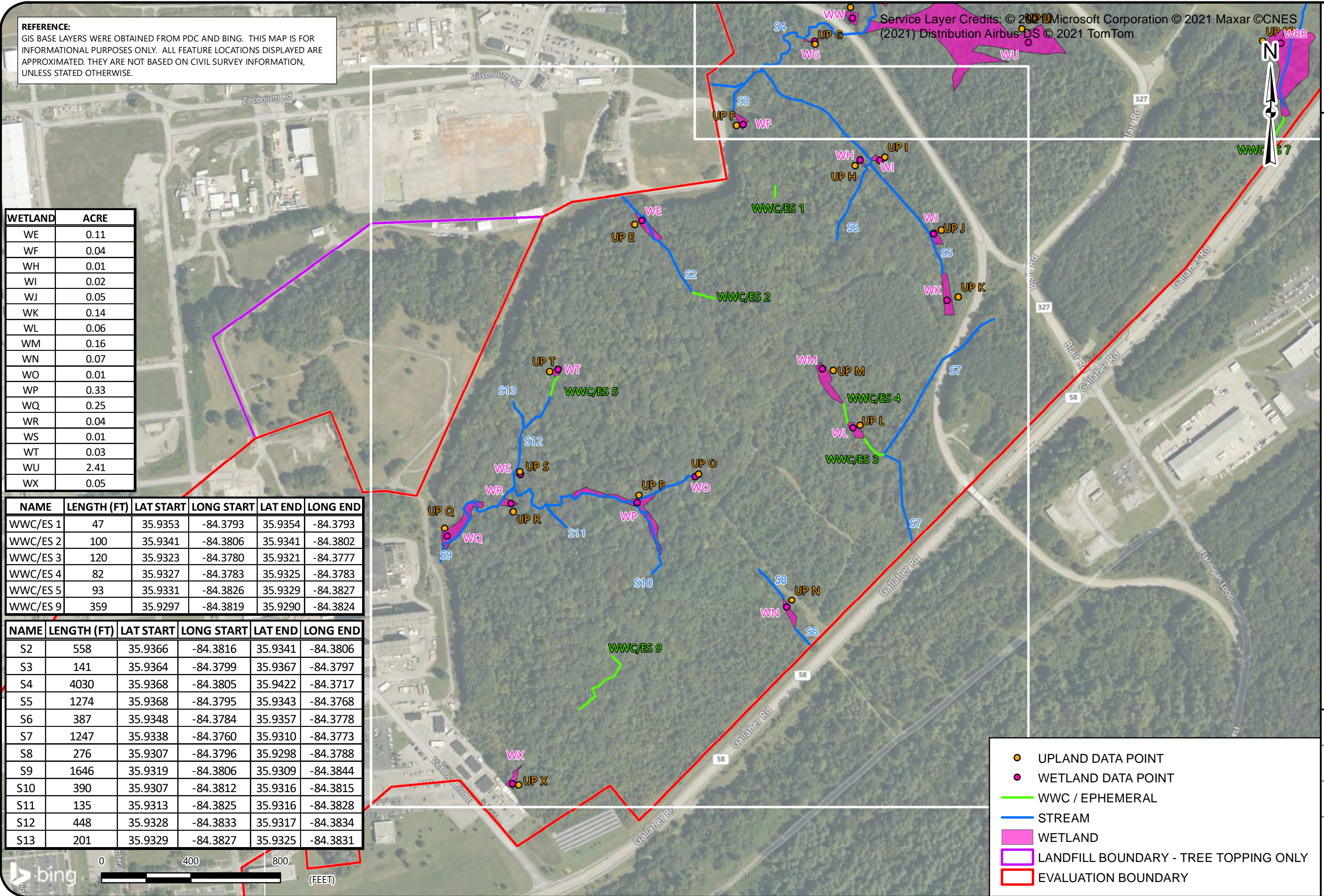
FIGURE NO.

**4B**

Drawing Path: R:\GISRefr\Knoxville\North\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\FIG 4B.DWG WATERS MAP.mxd plotted by JRowe 05-14-2021

**JURISDICTIONAL WATERS MAP**

OAK RIDGE AIRPORT  
OAK RIDGE, TENNESSEE



**REFERENCE:**  
 GIS BASE LAYERS WERE OBTAINED FROM PDC AND BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

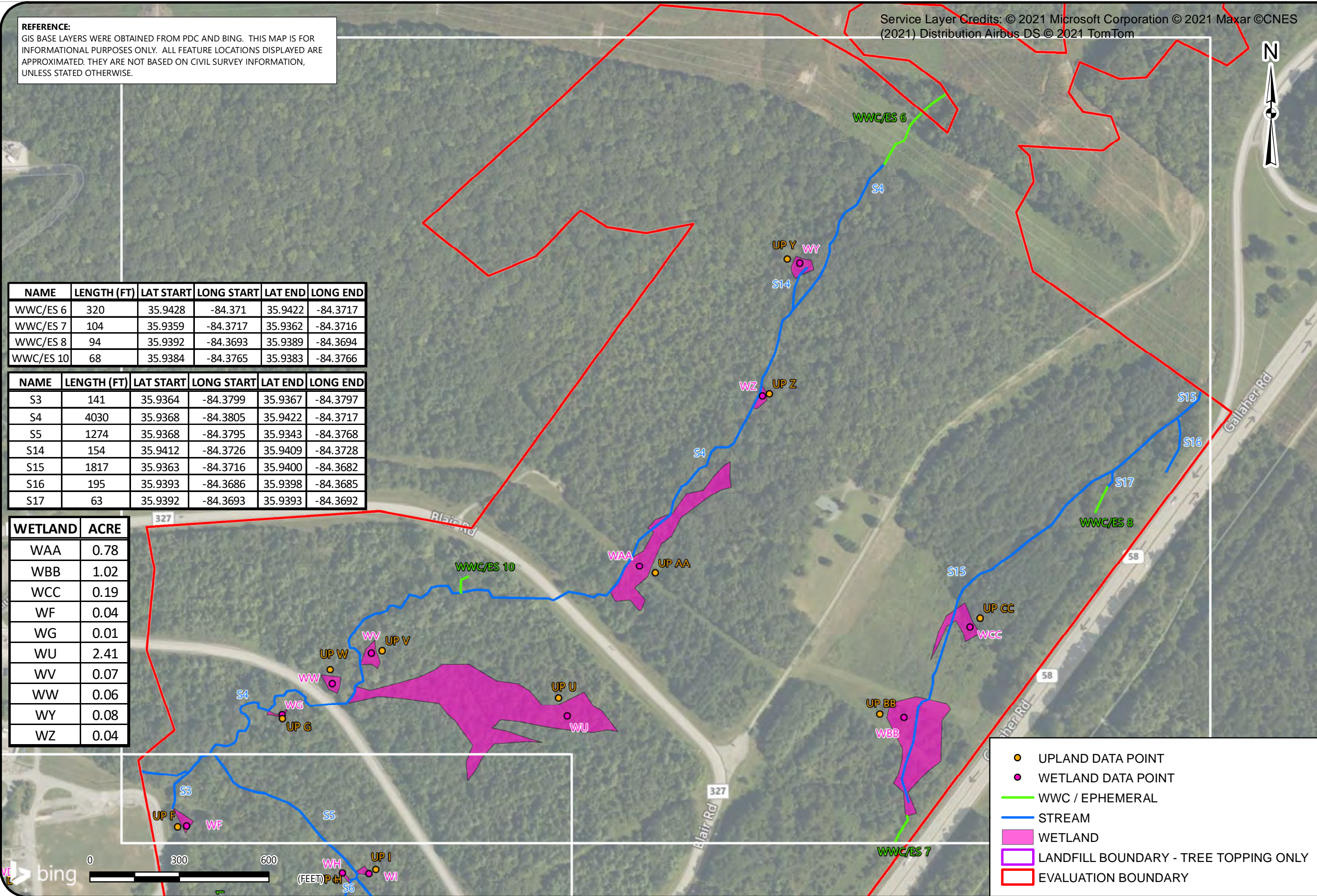
Service Layer Credits: © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS © 2021 TomTom



NAME	LENGTH (FT)	LAT START	LONG START	LAT END	LONG END
WWC/ES 6	320	35.9428	-84.371	35.9422	-84.3717
WWC/ES 7	104	35.9359	-84.3717	35.9362	-84.3716
WWC/ES 8	94	35.9392	-84.3693	35.9389	-84.3694
WWC/ES 10	68	35.9384	-84.3765	35.9383	-84.3766

NAME	LENGTH (FT)	LAT START	LONG START	LAT END	LONG END
S3	141	35.9364	-84.3799	35.9367	-84.3797
S4	4030	35.9368	-84.3805	35.9422	-84.3717
S5	1274	35.9368	-84.3795	35.9343	-84.3768
S14	154	35.9412	-84.3726	35.9409	-84.3728
S15	1817	35.9363	-84.3716	35.9400	-84.3682
S16	195	35.9393	-84.3686	35.9398	-84.3685
S17	63	35.9392	-84.3693	35.9393	-84.3692

WETLAND	ACRE
WAA	0.78
WBB	1.02
WCC	0.19
WF	0.04
WG	0.01
WU	2.41
WV	0.07
WW	0.06
WY	0.08
WZ	0.04



- UPLAND DATA POINT
- WETLAND DATA POINT
- WWC / EPHEMERAL
- STREAM
- WETLAND
- LANDFILL BOUNDARY - TREE TOPPING ONLY
- EVALUATION BOUNDARY

**JURISDICTIONAL WATERS MAP**

OAK RIDGE AIRPORT  
 OAK RIDGE, TENNESSEE

SCALE:  
 1" = 300'

DATE:  
 5-14-2021

PROJECT NUMBER  
 4143-20-082

FIGURE NO.

**4C**

Drawing Path: R:\GISRefr(Knoxville North)\GIS PROJECTS\2020 Projects\4143-20-082 OAK RIDGE AIRPORT\FIG 4C.JD WATERS MAP.mxd plotted by JRowe 05-14-2021

**Figure 5 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

Page 1



<b>1</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	CdYb'K UHYf'OW1.

Date: 4/1/2021

---

Photographer: S. Rowe

<b>2</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	K YhUbX'WA.

Date: 4/6/2021

---

Photographer: S. Rowe



**Figure 5 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee  
 S&ME Project No. 4143-20-082  
 Page 2



<b>3</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WB/CdYb K UYf OW2.	



<b>4</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WC/CdYb K UYf OW3.	



**Figure 5 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

Page 3



<b>5</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WE.	



<b>6</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WF.	



**Figure 5 – Representative Photographs**  
**Oak Ridge Airport – Environmental Assessment**

Oak Ridge, Roane County, Tennessee

S&ME Project No. 4143-20-082

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<b>7</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WG.	



<b>8</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WH.	



**Figure 5 – Representative Photographs**  
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<b>9</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX'WI.	



<b>10</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX'WJ.	



**Figure 5 – Representative Photographs**  
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<b>11</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WK.	



<b>12</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	K YhUbX WL.	



**Figure 5 – Representative Photographs**  
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<b>13</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/7/2021
	<b>Remarks</b>	K YhUbX WM.	



<b>14</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/7/2021
	<b>Remarks</b>	K YhUbX WN.	



**Figure 5 – Representative Photographs**  
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<b>15</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/7/2021
	<b>Remarks</b>	K YhUbX'WO.	



<b>16</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/7/2021
	<b>Remarks</b>	Wetland WP.	



**Figure 5 – Representative Photographs**  
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<b>17</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Wetland WQ.



Date: 4/7/2021

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Photographer: S. Rowe

<b>18</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Wetland WR.



Date: 4/6/2021

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Photographer: S. Rowe



**Figure 5 – Representative Photographs**  
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<b>19</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/7/2021
	<b>Remarks</b>	Wetland WS.	



<b>20</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/7/2021
	<b>Remarks</b>	Wetland WT.	



**Figure 5 – Representative Photographs**  
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<b>21</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Wetland WU.



Date: 4/6/2021

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Photographer: S. Rowe

<b>22</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Wetland WV.



Date: 4/6/2021

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Photographer: S. Rowe

**Figure 5 – Representative Photographs**  
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<b>23</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/13/2021
	<b>Remarks</b>	Wetland WW.	



<b>24</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/13/2021
	<b>Remarks</b>	Wetland WX.	



**Figure 5 – Representative Photographs**  
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<b>25</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/16/2021
	<b>Remarks</b>	Wetland WY.	



<b>26</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Wetland WZ.	



**Figure 5 – Representative Photographs**  
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<b>27</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Wetland WAA.

Date: 4/16/2021	Photographer: S. Rowe
	

<b>28</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Wetland WBB.

Date: 4/20/2021	Photographer: S. Rowe
	

**Figure 5 – Representative Photographs**  
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<b>29</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/20/2021  Photographer: S. Rowe
	<b>Remarks</b>	Wetland WCC.	



<b>30</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021  Photographer: S. Rowe
	<b>Remarks</b>	Typical hydric soils with depleted matrix observed within the wetland areas.	



**Figure 5 – Representative Photographs**  
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<b>31</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S1.	



<b>32</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S2.	



**Figure 5 – Representative Photographs**  
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<b>33</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Photographer: S. Rowe	Date: 4/6/2021
	<b>Remarks</b>	Stream S3.		



<b>34</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Photographer: S. Rowe	Date: 4/6/2021
	<b>Remarks</b>	Stream S4 (origin).		





**Figure 5 – Representative Photographs**  
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<b>35</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S5.	



<b>36</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S6.	



**Figure 5 – Representative Photographs**  
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<b>37</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S7.	



<b>38</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S8.	



**Figure 5 – Representative Photographs**  
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<b>39</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Stream S9.



Date: 4/6/2021

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Photographer: S. Rowe

<b>40</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Stream S10.



Date: 4/6/2021

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Photographer: S. Rowe

**Figure 5 – Representative Photographs**  
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<b>41</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S11.	



<b>42</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	Stream S12.	



**Figure 5 – Representative Photographs**  
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<b>43</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Stream S13



Date: 4/6/2021

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Photographer: S. Rowe

<b>44</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Stream S14.



Date: 4/16/2021

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Photographer: S. Rowe

**Figure 5 – Representative Photographs**  
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<b>45</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Stream S15



Date: 4/6/2021

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Photographer: S. Rowe

<b>46</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.
	<b>Remarks</b>	Stream S16



Date: 4/6/2021

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Photographer: S. Rowe

**Figure 5 – Representative Photographs**  
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<b>47</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Photographer: S. Rowe	Date: 4/20/2021
	<b>Remarks</b>	Stream S17.		

<b>48</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Photographer: S. Rowe	Date: 4/6/2021
	<b>Remarks</b>	WWC/ES1.		

**Figure 5 – Representative Photographs**  
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<b>49</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	WWC/ES2.	



<b>50</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	WWC/ES3.	





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<b>51</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	WWC/ES4.	



<b>52</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	WWC/ES5.	



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<b>53</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/16/2021
	<b>Remarks</b>	WWC/ES6.	



<b>54</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/20/2021
	<b>Remarks</b>	WWC/ES7.	



**Figure 5 – Representative Photographs**  
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<b>55</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Photographer: S. Rowe	Date: 4/20/2021
	<b>Remarks</b>	WWC/ES8.		



<b>56</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Photographer: S. Rowe	Date: 4/13/2021
	<b>Remarks</b>	WWC/ES9 (downstream where channel loses definition).		



**Figure 5 – Representative Photographs**  
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<b>57</b>	<b>Location / Orientation</b>	Refer to Figures 4A-4C – Jurisdictional Waters Maps.	Date: 4/6/2021
	<b>Remarks</b>	WWC/ES10.	



## **Appendix II–HD Datasheets**



**Hydrologic Determination Field Data Sheet**

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 930
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S1
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9258	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3926	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data : Antecedent Precipitation Tool</small>		
Watershed Size : 100 acres	County: Roane	
Soil Type(s) / Geology : NA / Och: Chickamauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Severe		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**

**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Stream is piped under ground. Flow after 7 days no rain.



**Hydrologic Determination Field Data Sheet**

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1000
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S2
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9341	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3806	
Precipitation this Season vs. Normal : <b>average</b> <span style="float: right;">Antecedent Precipitation Tool</span>		
Source of recent & seasonal precip. data :		
Watershed Size : 15 acres	County: Roane	
Soil Type(s) / Geology : NA / Cc: Conasauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**

**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.



**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1020
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S3
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9364	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3799	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 5 acres	County: Roane	
Soil Type(s) / Geology : NA / Cc: Conasauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Slight		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	<b>Stream</b>
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain. Connected to wetland.  
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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_





**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,1020
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S4
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9368	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3805	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 140 acres	County: Roane	
Soil Type(s) / Geology : NA / Cc: Conasauga Group and Och: Chickamauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain. Fish observed.

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**Hydrologic Determination Field Data Sheet**

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1045
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S5
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9368	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3795	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data : Antecedent Precipitation Tool</small>		
Watershed Size : 15 acres	County: Roane	
Soil Type(s) / Geology : NA / Cr: Rome Formation	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**

**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.



**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,1110
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S6
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9348	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3784	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 4 acres	County: Roane	
Soil Type(s) / Geology : NA / Cr: Rome Formation	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1130
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S7
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9338	
Previous Rainfall (7-days) : 0.0	Longitude: -84.376	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 23 acres	County: Roane	
Soil Type(s) / Geology : NA / Cr: Rome Formation	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	<b>Stream</b>
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.

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**Hydrologic Determination Field Data Sheet**

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,1130
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S8
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9307	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3796	
Precipitation this Season vs. Normal : <b>average</b> <span style="float:right">Antecedent Precipitation Tool</span>		
Source of recent & seasonal precip. data :		
Watershed Size : 2 acres	County: Roane	
Soil Type(s) / Geology : NA / Ccl: Nolichucky Shale, Maryville, Rogersville, and Rutledge Formations,Pumpkin Valley Shale	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	<b>Stream</b>
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**

**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.



**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1245
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S9
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9319	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3806	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : <span style="float: right;">Antecedent Precipitation Tool</span>		
Watershed Size : 20 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.  
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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1255
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S10
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9307	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3812	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 2 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	<b>Stream</b>
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.  
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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,1330
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S11
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9313	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3825	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data :</small> Antecedent Precipitation Tool		
Watershed Size : 2 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.  
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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1430
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S12
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9328	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3833	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data : Antecedent Precipitation Tool</small>		
Watershed Size : 5 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.  
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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1430
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S13
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9329	
Previous Rainfall (7-days) : 0.0	Longitude: -84.3827	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 2 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**

**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Flow after 7 days no rain.



**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/16/21,1125
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S14
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9329	
Previous Rainfall (7-days) : 0.15"	Longitude: -84.3827	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 5 acres	County: Roane	
Soil Type(s) / Geology : Cc: Conasauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 20.5**

**Justification / Notes :** \_\_\_\_\_  
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**Secondary Field Indicator Evaluation**

**A. Geomorphology** (Subtotal = 8.00)

	Absent	Weak	Moderate	Strong	
1. Continuous bed and bank	0	1	2	3	1
2. Sinuous channel	0	1	2	3	1
3. In-channel structure: riffle-pool sequences	0	1	2	3	1
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	1
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0.5
11. Grade controls	0	0.5	1	1.5	0.5
12. Natural valley or drainageway	0	0.5	1	1.5	1
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

**B. Hydrology** (Subtotal = 8.00)

	Absent	Weak	Moderate	Strong	
14. Subsurface flow/discharge into channel	0	1	2	3	2
15. Water in channel and >48 hours since sig. rain	0	1	2	3	2
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	0.5
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	1
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		1.5

**C. Biology** (Subtotal 4.50)

	Absent	Weak	Moderate	Strong	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	2
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	0.5
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0
25. Macroinvertebrates (record type & abundance)	0	1	2	3	1
26. Filamentous algae; periphyton	0	1	2	3	0
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	1

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

Total Points = 20.50

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

First-order headwater stream from wetland. Multiple caddisflies observed. Sedges and watercress observed within channel.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/20/21,1300
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S15
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070302	Latitude: 35.9363	
Previous Rainfall (7-days) : 0.15"	Longitude: -84.3716	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 50	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**

**Secondary Indicator Score (if applicable) = 28.00**

**Justification / Notes :**

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**Secondary Field Indicator Evaluation**

<b>A. Geomorphology</b> (Subtotal = 13.00)					
	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
1. Continuous bed and bank	0	1	2	3	3
2. Sinuous channel	0	1	2	3	1
3. In-channel structure: riffle-pool sequences	0	1	2	3	1
4. Sorting of soil textures or other substrate	0	1	2	3	2
5. Active/relic floodplain	0	0.5	1	1.5	0.5
6. Depositional bars or benches	0	1	2	3	2
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	1
11. Grade controls	0	0.5	1	1.5	0
12. Natural valley or drainageway	0	0.5	1	1.5	1.5
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

<b>B. Hydrology</b> (Subtotal = 8.50)					
	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
14. Subsurface flow/discharge into channel	0	1	2	3	2
15. Water in channel and >48 hours since sig. rain	0	1	2	3	2
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	1
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	1
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		1.5

<b>C. Biology</b> (Subtotal 6.50)					
	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	1
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	2
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0.5
25. Macrobenthos (record type & abundance)	0	1	2	3	0.5
26. Filamentous algae; periphyton	0	1	2	3	2
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0.5
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	0

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

**Total Points = 28.00**

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

**Caddisflies and frogs observed. Incised channel influenced by wetlands and wet-weather conveyances.**

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/20/21,1340
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S16
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070302	Latitude: 35.9393	
Previous Rainfall (7-days) : 0.15"	Longitude: -84.3686	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 20 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 24.50**

**Justification / Notes :** \_\_\_\_\_

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**Secondary Field Indicator Evaluation**

<b>A. Geomorphology</b> (Subtotal = 10.50)	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
1. Continuous bed and bank	0	1	2	3	3
2. Sinuous channel	0	1	2	3	1
3. In-channel structure: riffle-pool sequences	0	1	2	3	1
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	1
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0
11. Grade controls	0	0.5	1	1.5	1
12. Natural valley or drainageway	0	0.5	1	1.5	1.5
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

<b>B. Hydrology</b> (Subtotal = 8.00)	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
14. Subsurface flow/discharge into channel	0	1	2	3	2
15. Water in channel and >48 hours since sig. rain	0	1	2	3	2
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	1
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	0.5
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		1.5

<b>C. Biology</b> (Subtotal 6.00)	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	2
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	1
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	1
25. Macrobenthos (record type & abundance)	0	1	2	3	0
26. Filamentous algae; periphyton	0	1	2	3	2
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	0

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

**Total Points = 24.50**

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

Frogs and amphibian eggs observed. Stream enters site from under highway.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/20/21,1445
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : S17
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070302	Latitude: 35.9392	
Previous Rainfall (7-days) : 0.15"	Longitude: -84.3693	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 2 acres	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = STREAM**  
**Secondary Indicator Score (if applicable) = 23.00**

**Justification / Notes :** \_\_\_\_\_

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## Secondary Field Indicator Evaluation

<b>A. Geomorphology</b> (Subtotal = 12.00)					
	Absent	Weak	Moderate	Strong	
1. Continuous bed and bank	0	1	2	3	3
2. Sinuous channel	0	1	2	3	1
3. In-channel structure: riffle-pool sequences	0	1	2	3	1
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	2
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	1
11. Grade controls	0	0.5	1	1.5	0.5
12. Natural valley or drainageway	0	0.5	1	1.5	1.5
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

<b>B. Hydrology</b> (Subtotal = 7.00)					
	Absent	Weak	Moderate	Strong	
14. Subsurface flow/discharge into channel	0	1	2	3	1
15. Water in channel and >48 hours since sig. rain	0	1	2	3	1
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	1.5
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	1
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		1.5

<b>C. Biology</b> (Subtotal 4.00)					
	Absent	Weak	Moderate	Strong	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	1
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	3
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0
25. Macrobenthos (record type & abundance)	0	1	2	3	0
26. Filamentous algae; periphyton	0	1	2	3	0
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	0

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

**Total Points = 23.00**

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

Short channel transitions from wwc at headcut. Low flow.

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**Hydrologic Determination Field Data Sheet**

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/6/21, 1400
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-1
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9353	
Previous Rainfall (7-days) : 1.11" ON MARCH 31	Longitude: -84.3793	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data : Antecedent Precipitation Tool</small>		
Watershed Size : 1 acre	County: Roane	
Soil Type(s) / Geology : NA / Cc: Conasauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input checked="" type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 16.50**

**Justification / Notes :** \_\_\_\_\_

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## Secondary Field Indicator Evaluation

<b>A. Geomorphology</b> (Subtotal = 7.50)					
	Absent	Weak	Moderate	Strong	
1. Continuous bed and bank	0	1	2	3	1
2. Sinuous channel	0	1	2	3	0.5
3. In-channel structure: riffle-pool sequences	0	1	2	3	1
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	1
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0
11. Grade controls	0	0.5	1	1.5	0.5
12. Natural valley or drainageway	0	0.5	1	1.5	1.5
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

<b>B. Hydrology</b> (Subtotal = 5.50)					
	Absent	Weak	Moderate	Strong	
14. Subsurface flow/discharge into channel	0	1	2	3	1
15. Water in channel and >48 hours since sig. rain	0	1	2	3	1
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	0.5
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	0.5
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		1.5

<b>C. Biology</b> (Subtotal 3.50)					
	Absent	Weak	Moderate	Strong	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	0.5
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	3
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0
25. Macrobenthos (record type & abundance)	0	1	2	3	0
26. Filamentous algae; periphyton	0	1	2	3	0
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	0

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

**Total Points = 16.50**

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

Small isolated channel with bed and bank and small flow; terminates after ~50ft.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,955
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-2
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9341	
Previous Rainfall (7-days) : 0.0"	Longitude: -84.3806	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 8 acres	County: Roane	
Soil Type(s) / Geology : NA / Cc: Conasauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

<b>Overall Hydrologic Determination = WET WEATHER CONVEYANCE</b> <b>Secondary Indicator Score (if applicable) = 0.00</b>
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**Justification / Notes :**

Drainage dry between between February and April 15th. Transitions to S2 downstream.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,1020
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-3
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9323	
Previous Rainfall (7-days) : 0.0"	Longitude: -84.378	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 5 acres	County: Roane	
Soil Type(s) / Geology : NA / Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Drainage dry between between February and April 15th. Connects wetland WL to S7.

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**Hydrologic Determination Field Data Sheet**

Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21,1025
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-4
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9327	
Previous Rainfall (7-days) : 0.0"	Longitude: 82.1003	
Precipitation this Season vs. Normal : <b>average</b> <small>Source of recent &amp; seasonal precip. data :</small> <span style="float:right">Antecedent Precipitation Tool</span>		
Watershed Size : 3 acres	County: Roane	
Soil Type(s) / Geology : NA / Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**

**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Drainage dry between between February and April 15th. Connects wetlands WL and WM.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/7/21, 1435
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-5
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9331	
Previous Rainfall (7-days) : 0.0"	Longitude: -92.6874	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 3 acres	County: Roane	
Soil Type(s) / Geology : NA / Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Drainage dry between between February and April 15th. Connects wetland WT to S12.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/13/21, 1145
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-6
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9428	
Previous Rainfall (7-days) : 0.2"	Longitude: -84.371	
Precipitation this Season vs. Normal : <b>average</b> Source of recent & seasonal precip. data : <span style="float: right;">Antecedent Precipitation Tool</span>		
Watershed Size : 22 acres	County: Roane	
Soil Type(s) / Geology : NA / Cc: Conasauga Group and Och: Chickamauga Group	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 0.00**

**Justification / Notes :**

Drainage dry between between February and April 15th. Transitions to S4.

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/20/21,1245
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-7
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070302	Latitude: 35.9359	
Previous Rainfall (7-days) : 0.15"	Longitude: -84.3717	
Precipitation this Season vs. Normal : average Source of recent & seasonal precip. data : Antecedent Precipitation Tool		
Watershed Size : 40	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 15.50**

**Justification / Notes :**

Roadside rip-rap channel. Transitions to S15.

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## Secondary Field Indicator Evaluation

WWC/ES7

<b>A. Geomorphology</b> (Subtotal = 6.00)					
	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
1. Continuous bed and bank	0	1	2	3	1
2. Sinuous channel	0	1	2	3	0
3. In-channel structure: riffle-pool sequences	0	1	2	3	0
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	1
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0
11. Grade controls	0	0.5	1	1.5	0.5
12. Natural valley or drainageway	0	0.5	1	1.5	1.5
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

<b>B. Hydrology</b> (Subtotal = 3.00)					
	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
14. Subsurface flow/discharge into channel	0	1	2	3	0
15. Water in channel and >48 hours since sig. rain	0	1	2	3	0
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	1
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	1
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		0

<b>C. Biology</b> (Subtotal 6.50)					
	<b>Absent</b>	<b>Weak</b>	<b>Moderate</b>	<b>Strong</b>	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	1
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	1
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0.5
25. Macrobenthos (record type & abundance)	0	1	2	3	1
26. Filamentous algae; periphyton	0	1	2	3	2
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	1

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

**Total Points = 15.50**

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

**Amphibian eggs and frogs observed. No flow, jewelweed in downstream section next to wetland WBB.**

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/20/21,1450
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-8
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070302	Latitude: 35.9392	
Previous Rainfall (7-days) : 0.15"	Longitude: -84.3693	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data :</small> Antecedent Precipitation Tool		
Watershed Size : 1 acre	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 14.00**

**Justification / Notes :** \_\_\_\_\_

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**Hydrologic Determination Field Data Sheet**  
 Tennessee Division of Water Resources, Version 1.5 (Fillable Form)

Named Waterbody: NA		Date/Time: 4/29/21,1350
Assessors/Affiliation: JOSH ROWE S&ME 1103-TN12		Project ID : WWC/ES-9
Site Name/Description: Oak Ridge Airport		
Site Location: Oak Ridge , Tennessee		
HUC (12 digit): 060102070303	Latitude: 35.9297	
Previous Rainfall (7-days) : 0.65"	Longitude: -84.3819	
Precipitation this Season vs. Normal : average <small>Source of recent &amp; seasonal precip. data :</small> Antecedent Precipitation Tool		
Watershed Size : 1 acre	County: Roane	
Soil Type(s) / Geology : Cr: Rome Formation (Cambrian)	Source: Soils data not available for U.S. DOE. Geology from USGS	
Surrounding Land Use : Former U.S. DOE / Forested		
Degree of historical alteration to natural channel morphology & hydrology (select one & describe fully in Notes) : Moderate		

**Primary Field Indicators Observed**

Primary Indicators	NO	YES
1. Hydrologic feature exists solely due to a process discharge	<input checked="" type="checkbox"/>	WWC
2. Defined bed and bank absent, vegetation composed of upland and FACU species	<input checked="" type="checkbox"/>	WWC
3. Watercourse dry anytime during February through April 15th, under normal precipitation / groundwater conditions	<input type="checkbox"/>	WWC
4. Daily flow and precipitation records showing feature only flows in direct response to rainfall	<input checked="" type="checkbox"/>	WWC
5. Presence of multiple populations of obligate lotic organisms with ≥ 2 month aquatic phase	<input checked="" type="checkbox"/>	Stream
6. Presence of fish (except <i>Gambusia</i> )	<input checked="" type="checkbox"/>	Stream
7. Presence of naturally occurring ground water table connection	<input checked="" type="checkbox"/>	Stream
8. Flowing water in channel and 7 days since last precip >0.1" in local watershed	<input checked="" type="checkbox"/>	Stream
9. Evidence watercourse has been used as a supply of drinking water	<input checked="" type="checkbox"/>	Stream

**NOTE: If any Primary Indicators 1-9 = "Yes", then no further investigation is necessary. However, assessors may choose to score secondary indicators as supporting evidence.**

In the absence of a primary indicator, or other definitive evidence, complete the secondary indicator table on page 2 of this sheet, and provide score below.

Guidance for the interpretation and scoring of both the primary & secondary indicators is provided in *TDEC-DWR Guidance For Making Hydrologic Determinations, Version 1.5*

**Overall Hydrologic Determination = WET WEATHER CONVEYANCE**  
**Secondary Indicator Score (if applicable) = 16.00**

**Justification / Notes :** \_\_\_\_\_

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## Secondary Field Indicator Evaluation

WWC/ES9

<b>A. Geomorphology</b> (Subtotal = 10.00)					
	Absent	Weak	Moderate	Strong	
1. Continuous bed and bank	0	1	2	3	3
2. Sinuous channel	0	1	2	3	2
3. In-channel structure: riffle-pool sequences	0	1	2	3	0.5
4. Sorting of soil textures or other substrate	0	1	2	3	1
5. Active/relic floodplain	0	0.5	1	1.5	0
6. Depositional bars or benches	0	1	2	3	0
7. Braided channel	0	1	2	3	0
8. Recent alluvial deposits	0	0.5	1	1.5	1
9. Natural levees	0	1	2	3	0
10. Headcuts	0	1	2	3	0.5
11. Grade controls	0	0.5	1	1.5	0.5
12. Natural valley or drainageway	0	0.5	1	1.5	1.5
13. At least second order channel on existing USGS or NRCS map	0	1	2	3	0

<b>B. Hydrology</b> (Subtotal = 3.00)					
	Absent	Weak	Moderate	Strong	
14. Subsurface flow/discharge into channel	0	1	2	3	0
15. Water in channel and >48 hours since sig. rain	0	1	2	3	0
16. Leaf litter in channel (January – September)	1.5	1	0.5	0	1
17. Sediment on plants or on debris	0	0.5	1	1.5	1
18. Organic debris lines or piles (wrack lines)	0	0.5	1	1.5	1
19. Hydric soils in channel bed or sides of channel	No 0		Yes = 1.5		0

<b>C. Biology</b> (Subtotal 3.00)					
	Absent	Weak	Moderate	Strong	
20. Fibrous roots in channel bed <sup>1</sup>	3	2	1	0	1
21. Rooted plants in the thalweg <sup>1</sup>	3	2	1	0	2
22. Crayfish in stream (exclude in floodplain)	0	1	2	3	0
23. Bivalves/mussels	0	1	2	3	0
24. Amphibians	0	0.5	1	1.5	0
25. Macrobenthos (record type & abundance)	0	1	2	3	0
26. Filamentous algae; periphyton	0	1	2	3	0
27. Iron oxidizing bacteria/fungus	0	0.5	1	1.5	0
28. Wetland plants in channel bed <sup>2</sup>	0	0.5	1	1.5	0

<sup>1</sup> Focus is on the presence of terrestrial plants.

<sup>2</sup> Focus is on the presence of aquatic or wetland plants.

**Total Points = 16.00**

*Under Normal Conditions, Watercourse is a Wet Weather Conveyance if Secondary Indicator Score < 19 points*

**Notes :**

Large isolated ditch. No flow.

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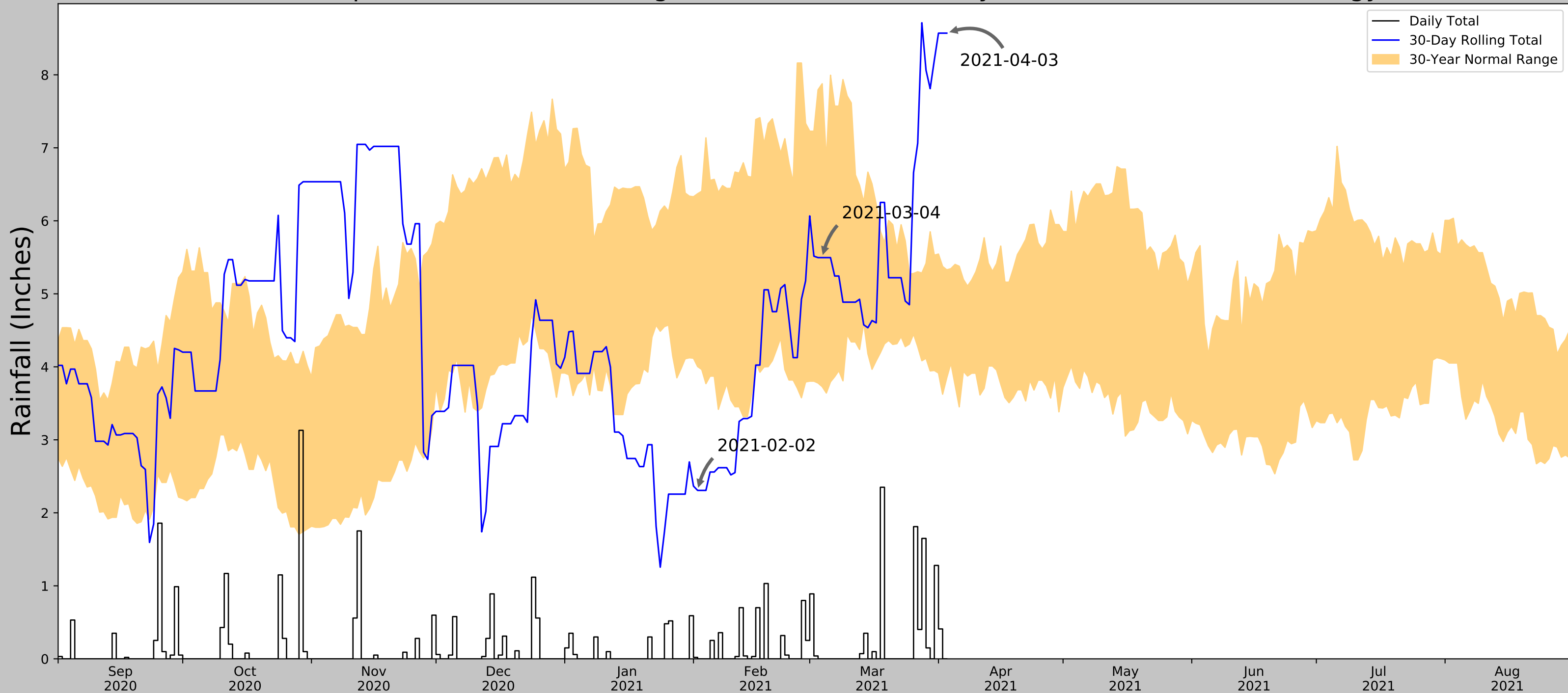


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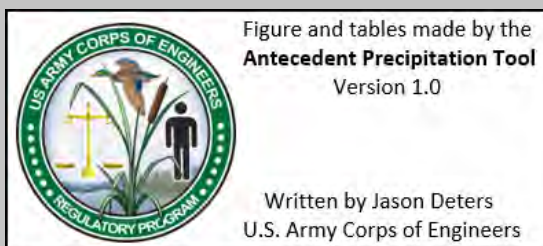
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# Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	35.926141, -84.390407
Observation Date	2021-04-03
Elevation (ft)	754.62
Drought Index (PDSI)	Not available (2021-03)
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-04-03	3.850394	5.328347	8.570866	Wet	3	3	9
2021-03-04	3.72874	7.877953	5.496063	Normal	2	2	4
2021-02-02	4.003543	6.370866	2.307087	Dry	1	1	1
Result							Normal Conditions - 14



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
KINGSTON	35.8572, -84.5281	813.976	9.06	59.356	4.615	11009	87
OLIVER SPRINGS 5.6 SW	35.9695, -84.3855	839.895	3.008	85.275	1.61	4	0
OAK RIDGE ATDD	36.0028, -84.2486	904.856	9.536	150.236	5.724	340	0
LENOIR CITY	35.7875, -84.2622	785.105	11.971	30.485	5.752	0	3



**Appendix III–Wetland Determination  
Data Sheets**

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 01-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** WA/OW1  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Flat      **Local relief (concave, convex, none):** concave      **Slope:** 0.0 % / 0.0 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.926256      **Long.:** -84.395339      **Datum:** Nad83  
**Soil Map Unit Name:** unknown      **NWI classification:** PEM

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Wetland fringe (WA) associated with a large, open-water pond (OW1).	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (minimum of two required)
<input checked="" type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)

<b>Field Observations:</b> Surface Water Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>1</u> Water Table Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> (includes capillary fringe)	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland fringe of WA inundated approximately one inch. The open-water area (OW1) ranges in depths from one to over four feet deep.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WA/OW1

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>6</u> (A)  Total Number of Dominant Species Across All Strata: <u>6</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. <u>Taxodium distichum</u>	10	<input checked="" type="checkbox"/>	50.0%	OBL	
2. <u>Salix nigra</u>	5	<input checked="" type="checkbox"/>	25.0%	OBL	
3. <u>Platanus occidentalis</u>	5	<input checked="" type="checkbox"/>	25.0%	FACW	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>20 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>70</u> x 1 = <u>70</u> FACW species <u>25</u> x 2 = <u>50</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>0</u> x 4 = <u>0</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>95</u> (A) <u>120</u> (B)  Prevalence Index = B/A = <u>1.263</u>
1. <u>Platanus occidentalis</u>	5	<input checked="" type="checkbox"/>	50.0%	FACW	
2. <u>Salix nigra</u>	5	<input checked="" type="checkbox"/>	50.0%	OBL	
3. _____		<input type="checkbox"/>	0.0%	_____	
4. _____		<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>10 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input checked="" type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input checked="" type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input checked="" type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Typha latifolia</u>	45	<input checked="" type="checkbox"/>	69.2%	OBL	
2. <u>Juncus effusus</u>	10	<input type="checkbox"/>	15.4%	FACW	
3. <u>Sagittaria latifolia</u>	5	<input type="checkbox"/>	7.7%	OBL	
4. <u>Ludwigia alternifolia</u>	5	<input type="checkbox"/>	7.7%	FACW	
5. _____		<input type="checkbox"/>	0.0%	_____	
6. _____		<input type="checkbox"/>	0.0%	_____	
7. _____		<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
11. _____	0	<input type="checkbox"/>	0.0%	_____	
12. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>65 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located along the fringe with primarily herbaceous species growing in saturated/inundated area bordered by trees.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WA/OW1

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR 4/2	90	10YR 5/6	5			Silty Clay	
			10YR 3/1	5			Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input checked="" type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

<p><b>Restrictive Layer (if observed):</b>                  Type: _____                  Depth (inches): _____</p>	<p><b>Hydric Soil Present?</b>    Yes <input checked="" type="radio"/>    No <input type="radio"/></p>
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Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

## WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 01-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** UpA  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Flat      **Local relief (concave, convex, none):** flat      **Slope:** 0.0 % / 0.0 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.926063      **Long.:** -84.394972      **Datum:** Nad83  
**Soil Map Unit Name:** unknown      **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

### Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected within flat area adjacent to WA. Some areas possessed saturated soils; however, due to prior disturbance, hydrophytic vegetation and hydric soils were lacking.	

### Hydrology

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b>		<b>Secondary Indicators (minimum of two required)</b>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe)      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Soils saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpA

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>0</u> (A)  Total Number of Dominant Species Across All Strata: <u>3</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)
1. _____		<input type="checkbox"/> 0.0%		
2. _____		<input type="checkbox"/> 0.0%		
3. _____		<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
<b>0 = Total Cover</b>				
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>5</u> x 1 = <u>5</u> FACW species <u>5</u> x 2 = <u>10</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>75</u> x 4 = <u>300</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>85</u> (A) <u>315</u> (B)  Prevalence Index = B/A = <u>3.706</u>
1. <u>Rubus allegheniensis</u>	20	<input checked="" type="checkbox"/> 100.0%	FACU	
2. _____		<input type="checkbox"/> 0.0%		
3. _____		<input type="checkbox"/> 0.0%		
4. _____		<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
<b>20 = Total Cover</b>				
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> Dominance Test is > 50% <input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
<b>0 = Total Cover</b>				
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Andropogon virginicus</u>	30	<input checked="" type="checkbox"/> 46.2%	FACU	
2. <u>Rubus allegheniensis</u>	5	<input type="checkbox"/> 7.7%	FACU	
3. <u>Festuca arundinacea</u>	5	<input type="checkbox"/> 7.7%	FACU	
4. <u>Solidago canadensis</u>	15	<input checked="" type="checkbox"/> 23.1%	FACU	
5. <u>Carex frankii</u>	5	<input type="checkbox"/> 7.7%	OBL	
6. <u>Juncus effusus</u>	5	<input type="checkbox"/> 7.7%	FACW	
7. _____		<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
11. _____	0	<input type="checkbox"/> 0.0%		
12. _____	0	<input type="checkbox"/> 0.0%		
<b>65 = Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
<b>0 = Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected in field that is occasionally mowed.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpA

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	4/3	100	10YR					Silty Clay
2-5	10YR	4/4	93	10YR	4/6	5			Silty Clay
				10YR	4/3	2			Silty Clay

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: Gravel/rock  
 Depth (inches): 5

Hydric Soil Present?    Yes     No

**Remarks:**

Non-hydric soils observed above a layer of gravel.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 01-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WB/OW2  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** concave **Slope:** 0.5 % / 26.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.922579 **Long.:** -84.393520 **Datum:** Nad83  
**Soil Map Unit Name:** unknown **NWI classification:** PSS

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Scrub-shrub wetland (WB) with shallow, open-water habitat (OW2).	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>24</u> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Open-water portion of wetland inundated 2 -3 feet; outer fringe saturated at the surface.



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WB/OW2

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. _____	0	<input type="checkbox"/> 0.0%	_____	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. _____	0	<input type="checkbox"/> 0.0%	_____	Total Number of Dominant Species Across All Strata: <u>4</u> (B)	
3. _____	0	<input type="checkbox"/> 0.0%	_____	Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%	_____	Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	OBL species <u>30</u> x 1 = <u>30</u>	
7. _____	0	<input type="checkbox"/> 0.0%	_____	FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%	_____	FAC species <u>20</u> x 3 = <u>60</u>	
	0	<input type="checkbox"/> 0.0%	_____	FACU species <u>0</u> x 4 = <u>0</u>	
	0	<input type="checkbox"/> 0.0%	_____	UPL species <u>0</u> x 5 = <u>0</u>	
	0	<input type="checkbox"/> 0.0%	_____	<b>Column Totals:</b> <u>50</u> (A) <u>90</u> (B)	
	0	<input type="checkbox"/> 0.0%	_____	Prevalence Index = B/A = <u>1.800</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )	<b>= Total Cover</b>			<b>Hydrophytic Vegetation Indicators:</b>	
1. <u>Salix nigra</u>	20	<input checked="" type="checkbox"/> 50.0%	OBL	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
2. <u>Acer negundo</u>	20	<input checked="" type="checkbox"/> 50.0%	FAC	<input checked="" type="checkbox"/> Dominance Test is > 50%	
3. _____	0	<input type="checkbox"/> 0.0%	_____	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
4. _____	0	<input type="checkbox"/> 0.0%	_____	<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
5. _____	0	<input type="checkbox"/> 0.0%	_____	<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
6. _____	0	<input type="checkbox"/> 0.0%	_____	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Definition of Vegetation Strata:</b>	
8. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Four Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%	_____	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%	_____	Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
11. _____	0	<input type="checkbox"/> 0.0%	_____	Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
12. _____	0	<input type="checkbox"/> 0.0%	_____	Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )	<b>= Total Cover</b>			<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%	_____	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%	_____	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%	_____	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%	_____	Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%	_____	Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%	_____		
8. _____	0	<input type="checkbox"/> 0.0%	_____		
9. _____	0	<input type="checkbox"/> 0.0%	_____		
10. _____	0	<input type="checkbox"/> 0.0%	_____		
11. _____	0	<input type="checkbox"/> 0.0%	_____		
12. _____	0	<input type="checkbox"/> 0.0%	_____		
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )	<b>= Total Cover</b>				
1. <u>Nelumbo lutea</u>	5	<input checked="" type="checkbox"/> 50.0%	OBL		
2. <u>Nymphaea odorata</u>	5	<input checked="" type="checkbox"/> 50.0%	OBL		
3. _____	0	<input type="checkbox"/> 0.0%	_____		
4. _____	0	<input type="checkbox"/> 0.0%	_____		
5. _____	0	<input type="checkbox"/> 0.0%	_____		
6. _____	0	<input type="checkbox"/> 0.0%	_____		
7. _____	0	<input type="checkbox"/> 0.0%	_____		
8. _____	0	<input type="checkbox"/> 0.0%	_____		
9. _____	0	<input type="checkbox"/> 0.0%	_____		
10. _____	0	<input type="checkbox"/> 0.0%	_____		
11. _____	0	<input type="checkbox"/> 0.0%	_____		
12. _____	0	<input type="checkbox"/> 0.0%	_____		
<b>Woody Vine Stratum</b> (Plot size: _____ )	<b>= Total Cover</b>				
1. _____	0	<input type="checkbox"/> 0.0%	_____		
2. _____	0	<input type="checkbox"/> 0.0%	_____		
3. _____	0	<input type="checkbox"/> 0.0%	_____		
4. _____	0	<input type="checkbox"/> 0.0%	_____		
5. _____	0	<input type="checkbox"/> 0.0%	_____		
6. _____	0	<input type="checkbox"/> 0.0%	_____		
	0	<input type="checkbox"/> 0.0%	_____		

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located along the fringe of an open-water area; wetland is primarily scrub-shrub with a few herbaceous species interspersed in the open water habitat.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WB/OW2

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/2	95	10YR	4/6	5	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <p><input type="checkbox"/> Histosol (A1)</p> <p><input type="checkbox"/> Histic Epipedon (A2)</p> <p><input type="checkbox"/> Black Histic (A3)</p> <p><input type="checkbox"/> Hydrogen Sulfide (A4)</p> <p><input type="checkbox"/> Stratified Layers (A5)</p> <p><input type="checkbox"/> 2 cm Muck (A10) (LRR N)</p> <p><input type="checkbox"/> Depleted Below Dark Surface (A11)</p> <p><input type="checkbox"/> Thick Dark Surface (A12)</p> <p><input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)</p> <p><input type="checkbox"/> Sandy Gleyed Matrix (S4)</p> <p><input type="checkbox"/> Sandy Redox (S5)</p> <p><input type="checkbox"/> Stripped Matrix (S6)</p>	<p><input type="checkbox"/> Dark Surface (S7)</p> <p><input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148)</p> <p><input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148)</p> <p><input type="checkbox"/> Loamy Gleyed Matrix (F2)</p> <p><input type="checkbox"/> Depleted Matrix (F3)</p> <p><input type="checkbox"/> Redox Dark Surface (F6)</p> <p><input checked="" type="checkbox"/> Depleted Dark Surface (F7)</p> <p><input type="checkbox"/> Redox Depressions (F8)</p> <p><input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136)</p> <p><input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148)</p> <p><input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)</p>	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <p><input type="checkbox"/> 2 cm Muck (A10) (MLRA 147)</p> <p><input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147)</p> <p><input type="checkbox"/> Very Shallow Dark Surface (TF12)</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpB  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** concave **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.922964 **Long.:** -84.393258 **Datum:** Nad83  
**Soil Map Unit Name:** unknown **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WB.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpB

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>7</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>42.9%</u> (A/B)
1. <u>Acer negundo</u>	10	<input checked="" type="checkbox"/>	22.2%	FAC	
2. <u>Juniperus virginiana</u>	5	<input type="checkbox"/>	11.1%	FACU	
3. <u>Platanus occidentalis</u>	30	<input checked="" type="checkbox"/>	66.7%	FACW	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>45 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>30</u> x 2 = <u>60</u> FAC species <u>15</u> x 3 = <u>45</u> FACU species <u>33</u> x 4 = <u>132</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>78</u> (A) <u>237</u> (B)  Prevalence Index = B/A = <u>3.038</u>
1. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/>	50.0%	FACU	
2. <u>Juniperus virginiana</u>	5	<input checked="" type="checkbox"/>	50.0%	FACU	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>10 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/>	43.5%	FACU	
2. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/>	21.7%	FACU	
3. <u>Fragaria vesca</u>	3	<input type="checkbox"/>	13.0%	FACU	
4. <u>Toxicodendron radicans</u>	5	<input checked="" type="checkbox"/>	21.7%	FAC	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
11. _____	0	<input type="checkbox"/>	0.0%	_____	
12. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>23 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					
<b>Remarks: (Include photo numbers here or on a separate sheet.)</b> Upland data point collected within adjacent wooded area.					
<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>					

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpB

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 01-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** WC/OW3  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Valley bottom      **Local relief (concave, convex, none):** concave      **Slope:** 0.5 % / 26.6 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.922397      **Long.:** -84.393275      **Datum:** Nad83  
**Soil Map Unit Name:** unknown      **NWI classification:** PEM

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Emergent wetland with open-water habitat (OW3).	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 24 Water Table Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0 Saturation Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0 (includes capillary fringe)	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Open-water is approximately 2 feet deep.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WC/OW3

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>3</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. <u>Platanus occidentalis</u>	10	<input checked="" type="checkbox"/> 100.0%	FACW	
2. _____	0	<input type="checkbox"/> 0.0%	_____	
3. _____	0	<input type="checkbox"/> 0.0%	_____	
4. _____	0	<input type="checkbox"/> 0.0%	_____	
5. _____	0	<input type="checkbox"/> 0.0%	_____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	
7. _____	0	<input type="checkbox"/> 0.0%	_____	
8. _____	0	<input type="checkbox"/> 0.0%	_____	
<b>10 = Total Cover</b>				
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>5</u> x 1 = <u>5</u> FACW species <u>15</u> x 2 = <u>30</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>0</u> x 4 = <u>0</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>20</u> (A) <u>35</u> (B)  Prevalence Index = B/A = <u>1.750</u>
1. <u>Cornus amomum</u>	5	<input checked="" type="checkbox"/> 50.0%	FACW	
2. <u>Alnus serrulata</u>	5	<input checked="" type="checkbox"/> 50.0%	OBL	
3. _____	0	<input type="checkbox"/> 0.0%	_____	
4. _____	0	<input type="checkbox"/> 0.0%	_____	
5. _____	0	<input type="checkbox"/> 0.0%	_____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	
7. _____	0	<input type="checkbox"/> 0.0%	_____	
8. _____	0	<input type="checkbox"/> 0.0%	_____	
9. _____	0	<input type="checkbox"/> 0.0%	_____	
10. _____	0	<input type="checkbox"/> 0.0%	_____	
<b>10 = Total Cover</b>				
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input checked="" type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input checked="" type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input checked="" type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/> 0.0%	_____	
2. _____	0	<input type="checkbox"/> 0.0%	_____	
3. _____	0	<input type="checkbox"/> 0.0%	_____	
4. _____	0	<input type="checkbox"/> 0.0%	_____	
5. _____	0	<input type="checkbox"/> 0.0%	_____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	
7. _____	0	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. _____	_____	<input type="checkbox"/> 0.0%	_____	
2. _____	_____	<input type="checkbox"/> 0.0%	_____	
3. _____	0	<input type="checkbox"/> 0.0%	_____	
4. _____	0	<input type="checkbox"/> 0.0%	_____	
5. _____	0	<input type="checkbox"/> 0.0%	_____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	
7. _____	0	<input type="checkbox"/> 0.0%	_____	
8. _____	0	<input type="checkbox"/> 0.0%	_____	
9. _____	0	<input type="checkbox"/> 0.0%	_____	
10. _____	0	<input type="checkbox"/> 0.0%	_____	
11. _____	0	<input type="checkbox"/> 0.0%	_____	
12. _____	0	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/> 0.0%	_____	
2. _____	0	<input type="checkbox"/> 0.0%	_____	
3. _____	0	<input type="checkbox"/> 0.0%	_____	
4. _____	0	<input type="checkbox"/> 0.0%	_____	
5. _____	0	<input type="checkbox"/> 0.0%	_____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within an open-water area and collected at the beginning of the growing season. Emergent, herbaceous vegetation likely becomes established later in the growing season.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WC/OW3

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/2	95	10YR	4/6	5	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpC  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** concave **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.922656 **Long.:** -84.393027 **Datum:** Nad83  
**Soil Map Unit Name:** unknown **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WC.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 No hydrology observed at upland data point.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpC

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer negundo</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)	
2. <u>Juniperus virginiana</u>	5	<input type="checkbox"/> 11.1%	FACU	Total Number of Dominant Species Across All Strata: <u>7</u> (B)	
3. <u>Platanus occidentalis</u>	30	<input checked="" type="checkbox"/> 66.7%	FACW	Percent of dominant Species That Are OBL, FACW, or FAC: <u>42.9%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>30</u> x 2 = <u>60</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>15</u> x 3 = <u>45</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>33</u> x 4 = <u>132</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
11. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b> <u>78</u> (A) <u>237</u> (B)	
12. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.038</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )	<b>45 = Total Cover</b>			<b>Hydrophytic Vegetation Indicators:</b>	
1. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 50.0%	FACU	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
2. <u>Juniperus virginiana</u>	5	<input checked="" type="checkbox"/> 50.0%	FACU	<input type="checkbox"/> Dominance Test is > 50%	
3. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
5. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
6. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
11. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )	<b>10 = Total Cover</b>			<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )	<b>0 = Total Cover</b>				
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 43.5%	FACU		
2. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 21.7%	FACU		
3. <u>Fragaria vesca</u>	3	<input type="checkbox"/> 13.0%	FACU		
4. <u>Toxicodendron radicans</u>	5	<input checked="" type="checkbox"/> 21.7%	FAC		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Woody Vine Stratum</b> (Plot size: _____ )	<b>23 = Total Cover</b>				
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpC

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** OW4  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** concave **Slope:** 0.5 % / 26.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.925691 **Long.:** -84.387996 **Datum:** Nad83  
**Soil Map Unit Name:** unknown **NWI classification:** Open water

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Open-water area that appears to have been created during the construction of the industrial park.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>36</u> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Open-water is approximately 3 - 4 feet deep.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: OW4

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b>
1. <u>Taxodium distichum</u>	20	<input checked="" type="checkbox"/> 100.0%	OBL	Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)
2. _____	0	<input type="checkbox"/> 0.0%		Total Number of Dominant Species Across All Strata: <u>1</u> (B)
3. _____	0	<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>20</u> x <u>1</u> = <u>20</u>
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x <u>2</u> = <u>0</u>
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>0</u> x <u>3</u> = <u>0</u>
	20	= Total Cover		FACU species <u>0</u> x <u>4</u> = <u>0</u>
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				UPL species <u>0</u> x <u>5</u> = <u>0</u>
1. _____		<input type="checkbox"/> 0.0%		<b>Column Totals:</b> <u>20</u> (A) <u>20</u> (B)
2. _____		<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>1.000</u>
3. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>
4. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Rapid Test for Hydrophytic Vegetation
5. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%
6. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>
7. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
9. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
10. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>
	0	= Total Cover		<b>Four Vegetation Strata:</b>
<b>Shrub Stratum</b> (Plot size: _____ )				Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
1. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.
2. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.
3. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.
4. _____	0	<input type="checkbox"/> 0.0%		<b>Five Vegetation Strata:</b>
5. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).
6. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.
7. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.
8. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.
9. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.
10. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
11. _____	0	<input type="checkbox"/> 0.0%		
12. _____	0	<input type="checkbox"/> 0.0%		
<b>Woody Vine Stratum</b> (Plot size: _____ )				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within an open-water area that is surrounded by primarily bald cypress trees.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/2	95	10YR	4/6	5	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WE  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 0.0 % / 0.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.922397 **Long.:** -84.393275 **Datum:** Nad83  
**Soil Map Unit Name:** AvK - Apison very fine sandy loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Forested wetland located along the floodplain of a small, intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WE

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Taxodium distichum</u>	5	<input type="checkbox"/> 14.3%	OBL	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Liquidambar styraciflua</u>	30	<input checked="" type="checkbox"/> 85.7%	FAC	Total Number of Dominant Species Across All Strata: <u>4</u> (B)	
3. _____	0	<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>5</u> x 1 = <u>5</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>72</u> x 3 = <u>216</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>10</u> x 4 = <u>40</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
11. _____	0	<input type="checkbox"/> 0.0%		Column Totals: <u>87</u> (A) <u>261</u> (B)	
12. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.000</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )	<b>35 = Total Cover</b>			<b>Hydrophytic Vegetation Indicators:</b>	
1. <u>Liquidambar styraciflua</u>	5	<input checked="" type="checkbox"/> 71.4%	FAC	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
2. <u>Smilax rotundifolia</u>	2	<input checked="" type="checkbox"/> 28.6%	FAC	<input checked="" type="checkbox"/> Dominance Test is > 50%	
3. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
5. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
6. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
11. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )	<b>7 = Total Cover</b>			<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )	<b>0 = Total Cover</b>				
1. <u>Athyrium filix-femina</u>	30	<input checked="" type="checkbox"/> 66.7%	FAC		
2. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/> 11.1%	FACU		
3. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 11.1%	FAC		
4. <u>Polystichum acrostichoides</u>	5	<input type="checkbox"/> 11.1%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Woody Vine Stratum</b> (Plot size: _____ )	<b>45 = Total Cover</b>				
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within an open, forested area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WE

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	3/2	100						
2-12	10YR	4/2	90	10YR	4/4	10			

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpE  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.934970 **Long.:** -84.381409 **Datum:** Nad83  
**Soil Map Unit Name:** Ls - Lelew loamy fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WE.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 No hydrology observed at upland data point.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpE

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 10.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/> 30.0%	FACU	Total Number of Dominant Species Across All Strata: <u>9</u> (B)	
3. <u>Acer negundo</u>	10	<input checked="" type="checkbox"/> 20.0%	FAC	Percent of dominant Species That Are OBL, FACW, or FAC: <u>44.4%</u> (A/B)	
4. <u>Liriodendron tulipifera</u>	20	<input checked="" type="checkbox"/> 40.0%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	10	<input checked="" type="checkbox"/> 43.5%	FACU	OBL species <u>0</u> x 1 = <u>0</u>	
2. <u>Liquidambar styraciflua</u>	5	<input checked="" type="checkbox"/> 21.7%	FAC	FACW species <u>0</u> x 2 = <u>0</u>	
3. <u>Smilax rotundifolia</u>	3	<input type="checkbox"/> 13.0%	FAC	FAC species <u>43</u> x 3 = <u>129</u>	
4. <u>Asimina triloba</u>	5	<input checked="" type="checkbox"/> 21.7%	FAC	FACU species <u>70</u> x 4 = <u>280</u>	
5. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
6. _____	0	<input type="checkbox"/> 0.0%		Column Totals: <u>113</u> (A) <u>409</u> (B)	
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.619</u>	
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	23	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Indicators:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
2. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
3. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
5. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Definition of Vegetation Strata:</b>	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Four Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 25.0%	FACU	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
2. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/> 37.5%	FACU	Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
3. <u>Medeola virginiana</u>	10	<input checked="" type="checkbox"/> 25.0%	FAC	Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
4. <u>Hexastylis arifolia</u>	5	<input type="checkbox"/> 12.5%	FAC	Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	40	<b>= Total Cover</b>		<b>Five Vegetation Strata:</b>	
<b>Woody Vine Stratum</b> (Plot size: _____ )				Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
2. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
3. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpE

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WF  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 0.0 % / 0.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.936187 **Long.:** -84.379742 **Datum:** Nad83  
**Soil Map Unit Name:** AvK - Apison very fine sandy loam **NWI classification:** PSS

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Scrub-shrub wetland located at the headwater of a small, intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WF

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )			<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>3</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. _____		<input type="checkbox"/>	0.0%	_____	
2. _____		<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
	0	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>30</u> x 1 = <u>30</u> FACW species <u>45</u> x 2 = <u>90</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>5</u> x 4 = <u>20</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>80</u> (A) <u>140</u> (B)  Prevalence Index = B/A = <u>1.750</u>
1. <u>Salix nigra</u>	30	<input checked="" type="checkbox"/>	60.0%	OBL	
2. <u>Cornus amomum</u>	15	<input checked="" type="checkbox"/>	30.0%	FACW	
3. <u>Fraxinus pennsylvanica</u>	5	<input type="checkbox"/>	10.0%	FACW	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
	50	<b>= Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input checked="" type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input checked="" type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input checked="" type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
	0	<b>= Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Fraxinus pennsylvanica</u>	5	<input type="checkbox"/>	16.7%	FACW	
2. <u>Juncus effusus</u>	20	<input checked="" type="checkbox"/>	66.7%	FACW	
3. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/>	16.7%	FACU	
4. _____		<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
11. _____	0	<input type="checkbox"/>	0.0%	_____	
12. _____	0	<input type="checkbox"/>	0.0%	_____	
	30	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
	0	<b>= Total Cover</b>			

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within an open shrubby area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WF

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	3/2	100						
2-12	10YR	4/2	90	10YR	4/4	10			

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpF  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.936183 **Long.:** -84.379867 **Datum:** Nad83  
**Soil Map Unit Name:** Jg - Jefferson gravelly fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WF.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpF

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 10.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)	
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/> 30.0%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. <u>Acer negundo</u>	10	<input checked="" type="checkbox"/> 20.0%	FAC	Percent of dominant Species That Are OBL, FACW, or FAC: <u>25.0%</u> (A/B)	
4. <u>Liriodendron tulipifera</u>	20	<input checked="" type="checkbox"/> 40.0%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	15	<input checked="" type="checkbox"/> 50.0%	FACU	OBL species <u>0</u> x 1 = <u>0</u>	
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 16.7%	FAC	FACW species <u>0</u> x 2 = <u>0</u>	
3. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 33.3%	FACU	FAC species <u>35</u> x 3 = <u>105</u>	
4. _____		<input type="checkbox"/> 0.0%		FACU species <u>90</u> x 4 = <u>360</u>	
5. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b> <u>125</u> (A) <u>465</u> (B)	
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.720</u>	
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	30	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Indicators:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
2. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
3. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
5. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Definition of Vegetation Strata:</b>	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Four Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
2. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
3. <u>Medeola virginiana</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC	Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
4. <u>Hexastylis arifolia</u>	5	<input type="checkbox"/> 11.1%	FAC	Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	45	<b>= Total Cover</b>		<b>Five Vegetation Strata:</b>	
<b>Woody Vine Stratum</b> (Plot size: _____ )				Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
2. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
3. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpF

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

<p><b>Restrictive Layer (if observed):</b>                  Type: _____                  Depth (inches): _____</p>	<p><b>Hydric Soil Present?</b>    Yes <input type="radio"/>    No <input checked="" type="radio"/></p>
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Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** WG  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Channel (abandoned)      **Local relief (concave, convex, none):** rolling      **Slope:** 0.0 % / 0.0 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.937226      **Long.:** -84.378668      **Datum:** Nad83  
**Soil Map Unit Name:** FcR - Fullerton cherty silt loam      **NWI classification:** PSS

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Scrub-shrub wetland located adjacent to a perennial stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WG

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)  Total Number of Dominant Species Across All Strata: <u>5</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>40.0%</u> (A/B)
1. <u>Acer negundo</u>	10	<input checked="" type="checkbox"/>	100.0%	FAC	
2. _____		<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
<b>10 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>5</u> x 1 = <u>5</u> FACW species <u>20</u> x 2 = <u>40</u> FAC species <u>10</u> x 3 = <u>30</u> FACU species <u>17</u> x 4 = <u>68</u> UPL species <u>5</u> x 5 = <u>25</u> <b>Column Totals:</b> <u>57</u> (A) <u>168</u> (B)  Prevalence Index = B/A = <u>2.947</u>
1. <u>Lonicera maackii</u>	5	<input checked="" type="checkbox"/>	41.7%	UPL	
2. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/>	41.7%	FACU	
3. <u>Rosa multiflora</u>	2	<input type="checkbox"/>	16.7%	FACU	
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
<b>12 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/>	28.6%	FACU	
2. <u>Eleocharis tenuis</u>	20	<input checked="" type="checkbox"/>	57.1%	FACW	
3. <u>Carex frankii</u>	5	<input type="checkbox"/>	14.3%	OBL	
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
<b>35 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
<b>0 = Total Cover</b>					

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within an open shrubby area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WG

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks	
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>			Loc <sup>2</sup>
0-3	10YR	4/2	95	10YR	5/6	5	C	PL	Silty Clay	
3-12	10YR	4/6	90	10YR	3/2	10			Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpG  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937155 **Long.:** -84.378646 **Datum:** Nad83  
**Soil Map Unit Name:** FcR - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WG.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	
<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
<b>Remarks:</b> No hydrology observed at upland data point.	

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpG

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>		
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 10.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)		
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/> 30.0%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)		
3. <u>Acer negundo</u>	10	<input checked="" type="checkbox"/> 20.0%	FAC	Percent of dominant Species That Are OBL, FACW, or FAC: <u>25.0%</u> (A/B)		
4. <u>Liriodendron tulipifera</u>	20	<input checked="" type="checkbox"/> 40.0%	FACU	<b>Prevalence Index worksheet:</b>		
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____		
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>		
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>		
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>35</u> x 3 = <u>105</u>		
	50 = <b>Total Cover</b>			FACU species <u>100</u> x 4 = <u>400</u>		
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				UPL species <u>0</u> x 5 = <u>0</u>		
1. <u>Ligustrum sinense</u>	20	<input checked="" type="checkbox"/> 50.0%	FACU	<b>Column Totals:</b> <u>135</u> (A) <u>505</u> (B)		
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 12.5%	FAC	Prevalence Index = B/A = <u>3.741</u>		
3. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 25.0%	FACU	<b>Hydrophytic Vegetation Indicators:</b>		
4. <u>Rosa multiflora</u>	5	<input type="checkbox"/> 12.5%	FACU	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation		
5. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%		
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>		
7. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)		
8. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)		
9. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.		
10. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>		
	40 = <b>Total Cover</b>			<b>Four Vegetation Strata:</b>		
<b>Shrub Stratum</b> (Plot size: _____ )				Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.		
1. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.		
2. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.		
3. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.		
4. _____	0	<input type="checkbox"/> 0.0%		<b>Five Vegetation Strata:</b>		
5. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).		
6. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.		
7. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.		
8. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.		
9. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.		
10. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>		
11. _____	0	<input type="checkbox"/> 0.0%				
12. _____	0	<input type="checkbox"/> 0.0%				
	45 = <b>Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )						
1. _____	0	<input type="checkbox"/> 0.0%				
2. _____	0	<input type="checkbox"/> 0.0%				
3. _____	0	<input type="checkbox"/> 0.0%				
4. _____	0	<input type="checkbox"/> 0.0%				
5. _____	0	<input type="checkbox"/> 0.0%				
6. _____	0	<input type="checkbox"/> 0.0%				
	0 = <b>Total Cover</b>					

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpG

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** WH  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Valley bottom      **Local relief (concave, convex, none):** rolling      **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.937226      **Long.:** -84.378654      **Datum:** Nad83  
**Soil Map Unit Name:** Rg - Roane gravelly loam      **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located within a seep that drains to an adjacent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply) <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Surface Water (A1)</li> <li><input checked="" type="checkbox"/> High Water Table (A2)</li> <li><input checked="" type="checkbox"/> Saturation (A3)</li> <li><input type="checkbox"/> Water Marks (B1)</li> <li><input type="checkbox"/> Sediment Deposits (B2)</li> <li><input type="checkbox"/> Drift deposits (B3)</li> <li><input type="checkbox"/> Algal Mat or Crust (B4)</li> <li><input type="checkbox"/> Iron Deposits (B5)</li> <li><input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)</li> <li><input type="checkbox"/> Water-Stained Leaves (B9)</li> <li><input type="checkbox"/> Aquatic Fauna (B13)</li> <li><input type="checkbox"/> True Aquatic Plants (B14)</li> <li><input type="checkbox"/> Hydrogen Sulfide Odor (C1)</li> <li><input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)</li> <li><input type="checkbox"/> Presence of Reduced Iron (C4)</li> <li><input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)</li> <li><input type="checkbox"/> Thin Muck Surface (C7)</li> <li><input type="checkbox"/> Other (Explain in Remarks)</li> </ul>	Secondary Indicators (minimum of two required) <ul style="list-style-type: none"> <li><input type="checkbox"/> Surface Soil Cracks (B6)</li> <li><input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)</li> <li><input type="checkbox"/> Drainage Patterns (B10)</li> <li><input type="checkbox"/> Moss Trim Lines (B16)</li> <li><input type="checkbox"/> Dry Season Water Table (C2)</li> <li><input type="checkbox"/> Crayfish Burrows (C8)</li> <li><input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)</li> <li><input type="checkbox"/> Stunted or Stressed Plants (D1)</li> <li><input checked="" type="checkbox"/> Geomorphic Position (D2)</li> <li><input type="checkbox"/> Shallow Aquitard (D3)</li> <li><input type="checkbox"/> Microtopographic Relief (D4)</li> <li><input checked="" type="checkbox"/> FAC-neutral Test (D5)</li> </ul>
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<b>Field Observations:</b> Surface Water Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0.5</u> Water Table Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> (includes capillary fringe)	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:  
Wetland inundated approximately 0.5 inches.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WH

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer negundo</u>	15	<input checked="" type="checkbox"/> 42.9%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 57.1%	FAC	Total Number of Dominant Species Across All Strata: <u>5</u> (B)	
3. _____	0	<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>80.0%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>20</u> x 1 = <u>20</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>15</u> x 2 = <u>30</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>35</u> x 3 = <u>105</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>0</u> x 4 = <u>0</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
<b>35 = Total Cover</b>				<b>Column Totals:</b> <u>70</u> (A) <u>155</u> (B)	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>2.214</u>	
1. _____		<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
2. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
3. _____	5	<input checked="" type="checkbox"/> 100.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
4. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
5. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
<b>5 = Total Cover</b>				Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>35 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Juncus effusus</u>	15	<input checked="" type="checkbox"/> 42.9%	FACW		
2. <u>Carex frankii</u>	20	<input checked="" type="checkbox"/> 57.1%	OBL		
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>0 = Total Cover</b>					

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within forested habitat.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WH

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	3/2	100						
2-12	10YR	4/2	90	10YR	4/4	10			

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpH  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.935737 **Long.:** -84.377992 **Datum:** Nad83  
**Soil Map Unit Name:** Jg - Jefferson gravelly fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WH.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpH

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 10.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)	
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/> 30.0%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. <u>Juniperus virginiana</u>	10	<input checked="" type="checkbox"/> 20.0%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>12.5%</u> (A/B)	
4. <u>Liriodendron tulipifera</u>	20	<input checked="" type="checkbox"/> 40.0%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	20	<input checked="" type="checkbox"/> 57.1%	FACU	OBL species	<u>0</u> x 1 = <u>0</u>
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 14.3%	FAC	FACW species	<u>0</u> x 2 = <u>0</u>
3. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	FAC species	<u>25</u> x 3 = <u>75</u>
4. _____		<input type="checkbox"/> 0.0%		FACU species	<u>100</u> x 4 = <u>400</u>
5. _____		<input type="checkbox"/> 0.0%		UPL species	<u>0</u> x 5 = <u>0</u>
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b>	<u>125</u> (A) <u>475</u> (B)
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.800</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
10. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
	35	<b>= Total Cover</b>		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
3. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
7. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	0	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Five Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 25.0%	FACU	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/> 37.5%	FACU	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u>Medeola virginiana</u>	10	<input checked="" type="checkbox"/> 25.0%	FAC	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. <u>Hexastylis arifolia</u>	5	<input type="checkbox"/> 12.5%	FAC	Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____		<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	40	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpH

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WI  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.935742 **Long.:** -84.377686 **Datum:** Nad83  
**Soil Map Unit Name:** Rg - Roane gravelly loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located within a seep that drains to an adjacent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>6</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Wetland saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WI

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer negundo</u>	15	<input checked="" type="checkbox"/> 42.9%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 57.1%	FAC	Total Number of Dominant Species Across All Strata: <u>5</u> (B)	
3. _____	0	<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>80.0%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		<b>OBL species</b> <u>20</u> x 1 = <u>20</u>	
7. _____	0	<input type="checkbox"/> 0.0%		<b>FACW species</b> <u>15</u> x 2 = <u>30</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>FAC species</b> <u>35</u> x 3 = <u>105</u>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>FACU species</b> <u>0</u> x 4 = <u>0</u>	
10. _____	0	<input type="checkbox"/> 0.0%		<b>UPL species</b> <u>0</u> x 5 = <u>0</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )			<b>35 = Total Cover</b>	<b>Column Totals:</b> <u>70</u> (A) <u>155</u> (B)	
1. _____		<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>2.214</u>	
2. _____		<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
3. _____	5	<input checked="" type="checkbox"/> 100.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
4. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
5. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
7. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
8. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )			<b>5 = Total Cover</b>	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
2. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
3. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Five Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
7. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
8. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
9. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )			<b>0 = Total Cover</b>		
1. <u>Juncus effusus</u>	15	<input checked="" type="checkbox"/> 42.9%	FACW		
2. <u>Carex frankii</u>	20	<input checked="" type="checkbox"/> 57.1%	OBL		
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Woody Vine Stratum</b> (Plot size: _____ )			<b>35 = Total Cover</b>		
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
			<b>0 = Total Cover</b>		

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within forested habitat.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WI

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	3/2	100						
2-12	10YR	4/2	90	10YR	4/4	10			

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpI  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.935755 **Long.:** -84.377603 **Datum:** Nad83  
**Soil Map Unit Name:** Jg - Jefferson gravelly fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WI.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: Upl

	Absolute % Cover		Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)  Total Number of Dominant Species Across All Strata: <u>8</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>12.5%</u> (A/B)
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/>	11.1%	FAC	
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/>	33.3%	FACU	
3. <u>Juniperus virginiana</u>	10	<input checked="" type="checkbox"/>	22.2%	FACU	
4. <u>Liriodendron tulipifera</u>	15	<input checked="" type="checkbox"/>	33.3%	FACU	
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
45 = Total Cover					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>25</u> x 3 = <u>75</u> FACU species <u>95</u> x 4 = <u>380</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>120</u> (A) <u>455</u> (B)  Prevalence Index = B/A = <u>3.792</u>
1. <u>Ligustrum sinense</u>	20	<input checked="" type="checkbox"/>	57.1%	FACU	
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/>	14.3%	FAC	
3. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/>	28.6%	FACU	
4. _____		<input type="checkbox"/>	0.0%		
5. _____		<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
35 = Total Cover					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> Dominance Test is > 50% <input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
0 = Total Cover					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/>	25.0%	FACU	
2. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/>	37.5%	FACU	
3. <u>Medeola virginiana</u>	10	<input checked="" type="checkbox"/>	25.0%	FAC	
4. <u>Hexastylis arifolia</u>	5	<input type="checkbox"/>	12.5%	FAC	
5. _____		<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
40 = Total Cover					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
0 = Total Cover					

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: Upl

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WJ  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.934810 **Long.:** -84.376908 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** PEM

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PEM wetland located within a seep that drains to an adjacent stream. Feature appears to be located within an old road bed with poor drainage.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>1</u> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland inundated approximately 1 inch.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WJ

	Absolute % Cover		Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)  Total Number of Dominant Species Across All Strata: <u>6</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>66.7%</u> (A/B)
1. <u>Acer negundo</u>	5	<input checked="" type="checkbox"/>	25.0%	FAC	
2. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/>	75.0%	FAC	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>20 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>10</u> x 1 = <u>10</u> FACW species <u>5</u> x 2 = <u>10</u> FAC species <u>20</u> x 3 = <u>60</u> FACU species <u>10</u> x 4 = <u>40</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>45</u> (A) <u>120</u> (B)  Prevalence Index = B/A = <u>2.667</u>
1. <u>Ligustrum sinense</u>	10	<input checked="" type="checkbox"/>	66.7%	FACU	
2. _____	_____	<input type="checkbox"/>	0.0%	_____	
3. _____	5	<input checked="" type="checkbox"/>	33.3%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>15 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Juncus effusus</u>	5	<input checked="" type="checkbox"/>	33.3%	FACW	
2. <u>Carex frankii</u>	10	<input checked="" type="checkbox"/>	66.7%	OBL	
3. _____	_____	<input type="checkbox"/>	0.0%	_____	
4. _____	_____	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
11. _____	0	<input type="checkbox"/>	0.0%	_____	
12. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>15 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within open area and is primarily herbaceous/emergent.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WJ

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features					Texture	Remarks	
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>				
0-5	2.5Y	5/1	90	10YR	4/4	10	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: Rock/gravel  
 Depth (inches): 5

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 5 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpJ  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.934837 **Long.:** -84.376788 **Datum:** Nad83  
**Soil Map Unit Name:** Jg - Jefferson gravelly fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WJ.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpJ

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 11.1%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)	
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. <u>Juniperus virginiana</u>	10	<input checked="" type="checkbox"/> 22.2%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>12.5%</u> (A/B)	
4. <u>Liriodendron tulipifera</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	45	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	20	<input checked="" type="checkbox"/> 50.0%	FACU	OBL species	<u>0</u> x 1 = <u>0</u>
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 12.5%	FAC	FACW species	<u>0</u> x 2 = <u>0</u>
3. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 25.0%	FACU	FAC species	<u>25</u> x 3 = <u>75</u>
4. <u>Cornus florida</u>	5	<input type="checkbox"/> 12.5%	FACU	FACU species	<u>100</u> x 4 = <u>400</u>
5. _____		<input type="checkbox"/> 0.0%		UPL species	<u>0</u> x 5 = <u>0</u>
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b>	<u>125</u> (A) <u>475</u> (B)
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.800</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
10. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
	40	<b>= Total Cover</b>		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
3. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
7. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	0	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Five Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 25.0%	FACU	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/> 37.5%	FACU	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u>Medeola virginiana</u>	10	<input checked="" type="checkbox"/> 25.0%	FAC	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. <u>Hexastylis arifolia</u>	5	<input type="checkbox"/> 12.5%	FAC	Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____		<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	40	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpJ

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WK  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.933973 **Long.:** -84.376737 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** PEM

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PEM wetland located within a seep that drains to an adjacent stream. Feature appears to be located within an old road bed with poor drainage.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Wetland saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WK

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )			<b>Dominant Species?</b>		
	<b>Absolute % Cover</b>	<input checked="" type="checkbox"/>	<b>Rel.Strat. Cover</b>		<b>Indicator Status</b>
1. <u>Acer negundo</u>	5		25.0%		FAC
2. <u>Liquidambar styraciflua</u>	15		75.0%		FAC
3. _____	0		0.0%		
4. _____	0		0.0%		
5. _____	0		0.0%		
6. _____	0		0.0%		
7. _____	0		0.0%		
8. _____	0		0.0%		
	20	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					
1. <u>Ligustrum sinense</u>	10		66.7%		FACU
2. _____	0		0.0%		
3. _____	5		33.3%		
4. _____	0		0.0%		
5. _____	0		0.0%		
6. _____	0		0.0%		
7. _____	0		0.0%		
8. _____	0		0.0%		
9. _____	0		0.0%		
10. _____	0		0.0%		
	15	<b>= Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )					
1. _____	0		0.0%		
2. _____	0		0.0%		
3. _____	0		0.0%		
4. _____	0		0.0%		
5. _____	0		0.0%		
6. _____	0		0.0%		
7. _____	0		0.0%		
	0	<b>= Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Juncus effusus</u>	5		26.3%		FACW
2. <u>Carex frankii</u>	10		52.6%		OBL
3. <u>Ligustrum sinense</u>	2		10.5%		FACU
4. <u>Galium aparine</u>	2		10.5%		FACU
5. _____	0		0.0%		
6. _____	0		0.0%		
7. _____	0		0.0%		
8. _____	0		0.0%		
9. _____	0		0.0%		
10. _____	0		0.0%		
11. _____	0		0.0%		
12. _____	0		0.0%		
	19	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0		0.0%		
2. _____	0		0.0%		
3. _____	0		0.0%		
4. _____	0		0.0%		
5. _____	0		0.0%		
6. _____	0		0.0%		
	0	<b>= Total Cover</b>			

**Dominance Test worksheet:**

Number of Dominant Species That are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 66.7% (A/B)

**Prevalence Index worksheet:**

Total % Cover of: \_\_\_\_\_ Multiply by: \_\_\_\_\_

OBL species 10 x 1 = 10

FACW species 5 x 2 = 10

FAC species 20 x 3 = 60

FACU species 14 x 4 = 56

UPL species 0 x 5 = 0

**Column Totals:** 49 (A) 136 (B)

Prevalence Index = B/A = 2.776

**Hydrophytic Vegetation Indicators:**

Rapid Test for Hydrophytic Vegetation

Dominance Test is > 50%

Prevalence Index is ≤3.0 <sup>1</sup>

Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)

<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Definition of Vegetation Strata:**

**Four Vegetation Strata:**

Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.

Woody vines – Consists of all woody vines greater than 3.28 ft in height.

**Five Vegetation Strata:**

Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vines – Consists of all woody vines, regardless of height.

**Hydrophytic Vegetation Present?** Yes  No

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within open area and is primarily herbaceous/emergent.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WK

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features					Texture	Remarks	
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>				
0-5	2.5Y	5/1	90	10YR	4/4	10	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <p><input type="checkbox"/> Histosol (A1)</p> <p><input type="checkbox"/> Histic Epipedon (A2)</p> <p><input type="checkbox"/> Black Histic (A3)</p> <p><input type="checkbox"/> Hydrogen Sulfide (A4)</p> <p><input type="checkbox"/> Stratified Layers (A5)</p> <p><input type="checkbox"/> 2 cm Muck (A10) (LRR N)</p> <p><input type="checkbox"/> Depleted Below Dark Surface (A11)</p> <p><input type="checkbox"/> Thick Dark Surface (A12)</p> <p><input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)</p> <p><input type="checkbox"/> Sandy Gleyed Matrix (S4)</p> <p><input type="checkbox"/> Sandy Redox (S5)</p> <p><input type="checkbox"/> Stripped Matrix (S6)</p>	<p><input type="checkbox"/> Dark Surface (S7)</p> <p><input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148)</p> <p><input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148)</p> <p><input type="checkbox"/> Loamy Gleyed Matrix (F2)</p> <p><input type="checkbox"/> Depleted Matrix (F3)</p> <p><input type="checkbox"/> Redox Dark Surface (F6)</p> <p><input checked="" type="checkbox"/> Depleted Dark Surface (F7)</p> <p><input type="checkbox"/> Redox Depressions (F8)</p> <p><input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136)</p> <p><input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148)</p> <p><input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)</p>	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <p><input type="checkbox"/> 2 cm Muck (A10) (MLRA 147)</p> <p><input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147)</p> <p><input type="checkbox"/> Very Shallow Dark Surface (TF12)</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: Rock/gravel  
 Depth (inches): 5

Hydric Soil Present?    Yes     No

Remarks:  
 Depleted matrix observed within upper 5 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 06-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpK  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.934038 **Long.:** -84.376538 **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WK.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpK

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 11.1%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)	
2. <u>Quercus rubra</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. <u>Juniperus virginiana</u>	10	<input checked="" type="checkbox"/> 22.2%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>12.5%</u> (A/B)	
4. <u>Liriodendron tulipifera</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	45	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	20	<input checked="" type="checkbox"/> 80.0%	FACU	OBL species	<u>0</u> x 1 = <u>0</u>
2. <u>Lonicera sempervirens</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU	FACW species	<u>0</u> x 2 = <u>0</u>
3. _____		<input type="checkbox"/> 0.0%		FAC species	<u>15</u> x 3 = <u>45</u>
4. _____		<input type="checkbox"/> 0.0%		FACU species	<u>90</u> x 4 = <u>360</u>
5. _____		<input type="checkbox"/> 0.0%		UPL species	<u>0</u> x 5 = <u>0</u>
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b>	<u>105</u> (A) <u>405</u> (B)
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.857</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
10. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
	25	<b>= Total Cover</b>		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
3. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
7. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	0	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Five Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/> 42.9%	FACU	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u>Microsteqium vimineum</u>	10	<input checked="" type="checkbox"/> 28.6%	FAC	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____		<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	35	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within adjacent wooded area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpK

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WL  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.932444 **Long.:** -84.378117 **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam **NWI classification:** PSS

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PSS wetland located within a seep that drains to an adjacent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated at surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WL

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	15	<input checked="" type="checkbox"/> 75.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Platanus occidentalis</u>	5	<input checked="" type="checkbox"/> 25.0%	FACW	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3. _____	0	<input type="checkbox"/> 0.0%	_____	Percent of dominant Species That Are OBL, FACW, or FAC: <u>66.7%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%	_____	Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%	_____	OBL species <u>5</u> x 1 = <u>5</u>	
7. _____	0	<input type="checkbox"/> 0.0%	_____	FACW species <u>20</u> x 2 = <u>40</u>	
8. _____	0	<input type="checkbox"/> 0.0%	_____	FAC species <u>15</u> x 3 = <u>45</u>	
9. _____	0	<input type="checkbox"/> 0.0%	_____	FACU species <u>25</u> x 4 = <u>100</u>	
10. _____	0	<input type="checkbox"/> 0.0%	_____	UPL species <u>0</u> x 5 = <u>0</u>	
11. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Column Totals:</b> <u>65</u> (A) <u>190</u> (B)	
12. _____	0	<input type="checkbox"/> 0.0%	_____	Prevalence Index = B/A = <u>2.923</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )	<b>20 = Total Cover</b>			<b>Hydrophytic Vegetation Indicators:</b>	
1. <u>Fraxinus pennsylvanica</u>	5	<input checked="" type="checkbox"/> 50.0%	FACW	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
2. _____	0	<input type="checkbox"/> 0.0%	_____	<input checked="" type="checkbox"/> Dominance Test is > 50%	
3. _____	5	<input checked="" type="checkbox"/> 50.0%	_____	<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
4. _____	0	<input type="checkbox"/> 0.0%	_____	<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
5. _____	0	<input type="checkbox"/> 0.0%	_____	<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
6. _____	0	<input type="checkbox"/> 0.0%	_____	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Definition of Vegetation Strata:</b>	
8. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Four Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%	_____	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%	_____	Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
11. _____	0	<input type="checkbox"/> 0.0%	_____	Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
12. _____	0	<input type="checkbox"/> 0.0%	_____	Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )	<b>10 = Total Cover</b>			<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%	_____	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%	_____	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%	_____	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%	_____	Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%	_____	Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%	_____	<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%	_____		
8. _____	0	<input type="checkbox"/> 0.0%	_____		
9. _____	0	<input type="checkbox"/> 0.0%	_____		
10. _____	0	<input type="checkbox"/> 0.0%	_____		
11. _____	0	<input type="checkbox"/> 0.0%	_____		
12. _____	0	<input type="checkbox"/> 0.0%	_____		
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )	<b>0 = Total Cover</b>				
1. <u>Juncus effusus</u>	10	<input checked="" type="checkbox"/> 25.0%	FACW		
2. <u>Carex frankii</u>	5	<input type="checkbox"/> 12.5%	OBL		
3. <u>Ligustrum sinense</u>	20	<input checked="" type="checkbox"/> 50.0%	FACU		
4. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/> 12.5%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%	_____		
6. _____	0	<input type="checkbox"/> 0.0%	_____		
7. _____	0	<input type="checkbox"/> 0.0%	_____		
8. _____	0	<input type="checkbox"/> 0.0%	_____		
9. _____	0	<input type="checkbox"/> 0.0%	_____		
10. _____	0	<input type="checkbox"/> 0.0%	_____		
11. _____	0	<input type="checkbox"/> 0.0%	_____		
12. _____	0	<input type="checkbox"/> 0.0%	_____		
<b>Woody Vine Stratum</b> (Plot size: _____ )	<b>40 = Total Cover</b>				
1. _____	0	<input type="checkbox"/> 0.0%	_____		
2. _____	0	<input type="checkbox"/> 0.0%	_____		
3. _____	0	<input type="checkbox"/> 0.0%	_____		
4. _____	0	<input type="checkbox"/> 0.0%	_____		
5. _____	0	<input type="checkbox"/> 0.0%	_____		
6. _____	0	<input type="checkbox"/> 0.0%	_____		
7. _____	0	<input type="checkbox"/> 0.0%	_____		
8. _____	0	<input type="checkbox"/> 0.0%	_____		
9. _____	0	<input type="checkbox"/> 0.0%	_____		
10. _____	0	<input type="checkbox"/> 0.0%	_____		
11. _____	0	<input type="checkbox"/> 0.0%	_____		
12. _____	0	<input type="checkbox"/> 0.0%	_____		

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within a shrubby area surrounded by forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WL

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-3	10YR	4/2	100						Silty Clay	
3-12	10YR	4/2	90	10YR	4/6	10	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpL  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.934000 **Long.:** -84.376704 **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WL.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Soils saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: Upl

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>0</u> (A)  Total Number of Dominant Species Across All Strata: <u>3</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)
1. _____		<input type="checkbox"/> 0.0%		
2. _____		<input type="checkbox"/> 0.0%		
3. _____		<input type="checkbox"/> 0.0%		
4. _____		<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
	0	<b>= Total Cover</b>		
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>110</u> x 4 = <u>440</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>110</u> (A) <u>440</u> (B)  Prevalence Index = B/A = <u>4.000</u>
1. <u>Ligustrum sinense</u>	60	<input checked="" type="checkbox"/> 100.0%	FACU	
2. _____		<input type="checkbox"/> 0.0%		
3. _____		<input type="checkbox"/> 0.0%		
4. _____		<input type="checkbox"/> 0.0%		
5. _____		<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
	60	<b>= Total Cover</b>		
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
	0	<b>= Total Cover</b>		
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 20.0%	FACU	
2. <u>Ligustrum sinense</u>	40	<input checked="" type="checkbox"/> 80.0%	FACU	
3. _____		<input type="checkbox"/> 0.0%		
4. _____		<input type="checkbox"/> 0.0%		
5. _____		<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
11. _____	0	<input type="checkbox"/> 0.0%		
12. _____	0	<input type="checkbox"/> 0.0%		
	50	<b>= Total Cover</b>		
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
	0	<b>= Total Cover</b>		

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within scrub-shrub area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpL

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/4	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

## WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** WM  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Valley bottom      **Local relief (concave, convex, none):** rolling      **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.933164      **Long.:** -84.378602      **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam      **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?**    Yes  No     (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**    **Are "Normal Circumstances" present?**    Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**    (If needed, explain any answers in Remarks.)

### Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located within a valley seep that drains to an adjacent ephemeral stream.	

### Hydrology

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present?    Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present?        Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>2</u> Saturation Present?         Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Wetland saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WM

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	30	<input checked="" type="checkbox"/> 66.7%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)	
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 11.1%	FAC	Total Number of Dominant Species Across All Strata: <u>5</u> (B)	
3. <u>Platanus occidentalis</u>	10	<input checked="" type="checkbox"/> 22.2%	FACW	Percent of dominant Species That Are OBL, FACW, or FAC: <u>60.0%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		<b>OBL species</b> <u>5</u> x 1 = <u>5</u>	
7. _____	0	<input type="checkbox"/> 0.0%		<b>FACW species</b> <u>40</u> x 2 = <u>80</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>FAC species</b> <u>35</u> x 3 = <u>105</u>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>FACU species</b> <u>13</u> x 4 = <u>52</u>	
10. _____	0	<input type="checkbox"/> 0.0%		<b>UPL species</b> <u>0</u> x 5 = <u>0</u>	
	45	<b>= Total Cover</b>		<b>Column Totals:</b> <u>93</u> (A) <u>242</u> (B)	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>2.602</u>	
1. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 50.0%	FACU	<b>Hydrophytic Vegetation Indicators:</b>	
2. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
3. _____	5	<input checked="" type="checkbox"/> 50.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
4. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
5. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	10	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	43	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within a forested slope.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WM

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features					Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>			
0-12	10YR 3/2	98	10YR 4/6	02	RM	M	Silty Clay		

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <p><input type="checkbox"/> Histosol (A1)</p> <p><input type="checkbox"/> Histic Epipedon (A2)</p> <p><input type="checkbox"/> Black Histic (A3)</p> <p><input type="checkbox"/> Hydrogen Sulfide (A4)</p> <p><input type="checkbox"/> Stratified Layers (A5)</p> <p><input type="checkbox"/> 2 cm Muck (A10) (LRR N)</p> <p><input type="checkbox"/> Depleted Below Dark Surface (A11)</p> <p><input type="checkbox"/> Thick Dark Surface (A12)</p> <p><input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)</p> <p><input type="checkbox"/> Sandy Gleyed Matrix (S4)</p> <p><input type="checkbox"/> Sandy Redox (S5)</p> <p><input type="checkbox"/> Stripped Matrix (S6)</p>	<p><input type="checkbox"/> Dark Surface (S7)</p> <p><input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148)</p> <p><input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148)</p> <p><input type="checkbox"/> Loamy Gleyed Matrix (F2)</p> <p><input type="checkbox"/> Depleted Matrix (F3)</p> <p><input type="checkbox"/> Redox Dark Surface (F6)</p> <p><input checked="" type="checkbox"/> Depleted Dark Surface (F7)</p> <p><input type="checkbox"/> Redox Depressions (F8)</p> <p><input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136)</p> <p><input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148)</p> <p><input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)</p>	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <p><input type="checkbox"/> 2 cm Muck (A10) (MLRA 147)</p> <p><input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147)</p> <p><input type="checkbox"/> Very Shallow Dark Surface (TF12)</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_

Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpM  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.933140 **Long.:** -84.378433 **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WM.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	
<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
<b>Remarks:</b> No hydrology observed at upland data point.	

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpM

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>0</u> (A)  Total Number of Dominant Species Across All Strata: <u>8</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)
1. <u>Liriodendron tulipifera</u>	25	<input checked="" type="checkbox"/>	55.6%	FACU	
2. <u>Juniperus virginiana</u>	5	<input type="checkbox"/>	11.1%	FACU	
3. <u>Fagus grandifolia</u>	15	<input checked="" type="checkbox"/>	33.3%	FACU	
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
	45	= Total Cover			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>95</u> x 4 = <u>380</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>95</u> (A) <u>380</u> (B)  Prevalence Index = B/A = <u>4.000</u>
1. <u>Ligustrum sinense</u>	10	<input checked="" type="checkbox"/>	40.0%	FACU	
2. <u>Cercis canadensis</u>	10	<input checked="" type="checkbox"/>	40.0%	FACU	
3. <u>Fagus grandifolia</u>	5	<input checked="" type="checkbox"/>	20.0%	FACU	
4. _____		<input type="checkbox"/>	0.0%		
5. _____		<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
	25	= Total Cover			
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
	0	= Total Cover			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/>	40.0%	FACU	
2. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/>	20.0%	FACU	
3. <u>Polystichum acrostichoides</u>	10	<input checked="" type="checkbox"/>	40.0%	FACU	
4. _____		<input type="checkbox"/>	0.0%		
5. _____		<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
	25	= Total Cover			
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
	0	= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpM

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-2	10YR	4/3	100				Silty Clay	
2-12	10YR	4/4	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WN  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.930263 **Long.:** -84.379215 **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located within a valley seep that drains to an adjacent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>2</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Wetland saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WN

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )			<b>Dominant Species?</b>		
	<b>Absolute % Cover</b>	<b>Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	5	<input type="checkbox"/> 16.7%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 66.7%	FAC	Total Number of Dominant Species Across All Strata: <u>5</u> (B)	
3. <u>Ulmus alata</u>	5	<input type="checkbox"/> 16.7%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>80.0%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>20</u> x 1 = <u>20</u> FACW species <u>10</u> x 2 = <u>20</u> FAC species <u>45</u> x 3 = <u>135</u> FACU species <u>5</u> x 4 = <u>20</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>80</u> (A) <u>195</u> (B) Prevalence Index = B/A = <u>2.438</u>	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
30 = Total Cover					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					
1. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 80.0%	FAC		
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	5	<input checked="" type="checkbox"/> 20.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
25 = Total Cover					
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
0 = Total Cover					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height. <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.	
1. <u>Juncus effusus</u>	10	<input checked="" type="checkbox"/> 33.3%	FACW		
2. <u>Carex frankii</u>	20	<input checked="" type="checkbox"/> 66.7%	OBL		
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
30 = Total Cover					
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
0 = Total Cover					

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within a forested slope.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WN

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/2	95	10YR	4/6	5	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpN  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.930348 **Long.:** -84.379130 **Datum:** Nad83  
**Soil Map Unit Name:** Fc - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WN.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpN

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liriodendron tulipifera</u>	25	<input checked="" type="checkbox"/> 55.6%	FACU	Number of Dominant Species That are OBL, FACW, or FAC: <u>0</u> (A)	
2. <u>Juniperus virginiana</u>	5	<input type="checkbox"/> 11.1%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. <u>Fagus grandifolia</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>0</u> x 3 = <u>0</u>	
	45	<b>= Total Cover</b>		FACU species <u>95</u> x 4 = <u>380</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				UPL species <u>0</u> x 5 = <u>0</u>	
1. <u>Ligustrum sinense</u>	10	<input checked="" type="checkbox"/> 40.0%	FACU	<b>Column Totals:</b> <u>95</u> (A) <u>380</u> (B)	
2. <u>Cercis canadensis</u>	10	<input checked="" type="checkbox"/> 40.0%	FACU	Prevalence Index = B/A = <u>4.000</u>	
3. <u>Fagus grandifolia</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU	<b>Hydrophytic Vegetation Indicators:</b>	
4. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
5. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
7. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
8. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
9. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
	25	<b>= Total Cover</b>		<b>Four Vegetation Strata:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
2. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
3. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Five Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
7. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
8. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
9. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	25	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpN

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features			Texture	Remarks
	Color (moist)		%	Color (moist)		%		
0-2	10YR	4/3	100				Silty Clay	
2-12	10YR	4/4	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WO  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931884 **Long.:** -84.380572 **Datum:** Nad83  
**Soil Map Unit Name:** Ms - Muskingum stony fine sandy loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located at a seep/origin of an intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0.5</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated at surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WO

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )			<b>Dominant Species?</b>		
	<b>Absolute % Cover</b>	<b>Rel.Strat. Cover</b>	<b>Indicator Status</b>		
1. <u>Acer rubrum</u>	30	<input checked="" type="checkbox"/> 75.0%	FAC	<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>5</u> (A)  Total Number of Dominant Species Across All Strata: <u>6</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>83.3%</u> (A/B)	
2. <u>Liquidambar styraciflua</u>	10	<input checked="" type="checkbox"/> 25.0%	FAC		
3. _____		<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	40	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>15</u> x 2 = <u>30</u> FAC species <u>47</u> x 3 = <u>141</u> FACU species <u>2</u> x 4 = <u>8</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>64</u> (A) <u>179</u> (B)  Prevalence Index = B/A = <u>2.797</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					
1. <u>Liquidambar styraciflua</u>	5	<input checked="" type="checkbox"/> 41.7%	FAC		
2. <u>Smilax rotundifolia</u>	2	<input type="checkbox"/> 16.7%	FAC		
3. _____	5	<input checked="" type="checkbox"/> 41.7%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	12	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
<b>Shrub Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Lonicera sempervirens</u>	2	<input type="checkbox"/> 11.8%	FACU		
2. <u>Persicaria maculosa</u>	5	<input checked="" type="checkbox"/> 29.4%	FACW		
3. <u>Thelypteris palustris</u>	10	<input checked="" type="checkbox"/> 58.8%	FACW		
4. _____		<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	17	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within a forested slope.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WO

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-3	10YR	3/2	95	10YR	4/6	5	RM	M	Silty Clay	
3-12	10YR	4/1	90	10YR	4/6	10	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

## WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** UpO  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Valley bottom      **Local relief (concave, convex, none):** rolling      **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.930348      **Long.:** -84.379130      **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam      **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

### Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WO.	

### Hydrology

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ (includes capillary fringe)		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpO

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)  Total Number of Dominant Species Across All Strata: <u>9</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>11.1%</u> (A/B)
1. <u>Liriodendron tulipifera</u>	10	<input checked="" type="checkbox"/>	25.0%	FACU	
2. <u>Juniperus virginiana</u>	5	<input type="checkbox"/>	12.5%	FACU	
3. <u>Fagus grandifolia</u>	15	<input checked="" type="checkbox"/>	37.5%	FACU	
4. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/>	25.0%	FAC	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
	40	= Total Cover			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					
1. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/>	25.0%	FACU	
2. <u>Cercis canadensis</u>	10	<input checked="" type="checkbox"/>	50.0%	FACU	
3. <u>Fagus grandifolia</u>	5	<input checked="" type="checkbox"/>	25.0%	FACU	
4. _____	_____	<input type="checkbox"/>	0.0%	_____	
5. _____	_____	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
	20	= Total Cover			
<b>Shrub Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
	0	= Total Cover			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Lonicera sempervirens</u>	5	<input checked="" type="checkbox"/>	20.0%	FACU	
2. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/>	20.0%	FACU	
3. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/>	60.0%	FACU	
4. _____	_____	<input type="checkbox"/>	0.0%	_____	
5. _____	_____	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
11. _____	0	<input type="checkbox"/>	0.0%	_____	
12. _____	0	<input type="checkbox"/>	0.0%	_____	
	25	= Total Cover			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
	0	= Total Cover			
<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ <b>OBL species</b> <u>0</u> x <u>1</u> = <u>0</u> <b>FACW species</b> <u>0</u> x <u>2</u> = <u>0</u> <b>FAC species</b> <u>10</u> x <u>3</u> = <u>30</u> <b>FACU species</b> <u>75</u> x <u>4</u> = <u>300</u> <b>UPL species</b> <u>0</u> x <u>5</u> = <u>0</u> <b>Column Totals:</b> <u>85</u> (A) <u>330</u> (B) Prevalence Index = B/A = <u>3.882</u>					
<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.					
<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>					

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpO

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features			Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type <sup>1</sup>		
0-2	10YR	4/3	100				Silty Clay	
2-12	10YR	4/4	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WP  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931578 **Long.:** -84.381455 **Datum:** Nad83  
**Soil Map Unit Name:** Ms - Muskingum stony fine sandy loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located along the floodplain of an intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/>	Depth (inches): _____ Depth (inches): _____ Depth (inches): <u>6</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated within 6 inches of ground surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WP

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	30	<input checked="" type="checkbox"/> 60.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 40.0%	FAC	Total Number of Dominant Species Across All Strata: <u>7</u> (B)	
3. _____		<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>57.1%</u> (A/B)	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>20</u> x 2 = <u>40</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>57</u> x 3 = <u>171</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>25</u> x 4 = <u>100</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
	50	<b>= Total Cover</b>		<b>Column Totals:</b> <u>102</u> (A) <u>311</u> (B)	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>3.049</u>	
1. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 50.0%	FACU	<b>Hydrophytic Vegetation Indicators:</b>	
2. <u>Liquidambar styraciflua</u>	5	<input checked="" type="checkbox"/> 25.0%	FAC	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
3. _____	5	<input checked="" type="checkbox"/> 25.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
5. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	20	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	37	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within a forested slope.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WP

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-3	10YR	4/3	100						Silty Clay	
3-12	10YR	4/1	95	10YR	4/6	5	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpP  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931665 **Long.:** -84.381419 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WP.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpP

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	20	<input checked="" type="checkbox"/> 57.1%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)	
2. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. <u>Fagus grandifolia</u>	5	<input type="checkbox"/> 14.3%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>37.5%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>35</u> x 3 = <u>105</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>45</u> x 4 = <u>180</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
	35	<b>= Total Cover</b>		<b>Column Totals:</b> <u>80</u> (A) <u>285</u> (B)	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>3.563</u>	
1. <u>Ligustrum sinense</u>	2	<input type="checkbox"/> 13.3%	FACU	<b>Hydrophytic Vegetation Indicators:</b>	
2. <u>Lindera benzoin</u>	10	<input checked="" type="checkbox"/> 66.7%	FAC	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
3. <u>Fagus grandifolia</u>	3	<input checked="" type="checkbox"/> 20.0%	FACU	<input type="checkbox"/> Dominance Test is > 50%	
4. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
5. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	15	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	30	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Lonicera sempervirens</u>	5	<input checked="" type="checkbox"/> 16.7%	FACU		
2. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 16.7%	FACU		
3. <u>Polystichum acrostichoides</u>	15	<input checked="" type="checkbox"/> 50.0%	FACU		
4. <u>Medeola virginiana</u>	5	<input checked="" type="checkbox"/> 16.7%	FAC		
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	30	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpP

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WQ  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931203 **Long.:** -84.384328 **Datum:** Nad83  
**Soil Map Unit Name:** FcL - Fullerton cherty silt loam **NWI classification:** PSS

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PSS wetland located along the floodplain of an intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>4</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Wetland saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WQ

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>6</u> (A)  Total Number of Dominant Species Across All Strata: <u>6</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. <u>Acer rubrum</u>	5	<input checked="" type="checkbox"/>	100.0%	FAC	
2. _____		<input type="checkbox"/>	0.0%		
3. _____		<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
<b>5 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>20</u> x 1 = <u>20</u> FACW species <u>65</u> x 2 = <u>130</u> FAC species <u>20</u> x 3 = <u>60</u> FACU species <u>10</u> x 4 = <u>40</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>115</u> (A) <u>250</u> (B)  Prevalence Index = B/A = <u>2.174</u>
1. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/>	33.3%	FAC	
2. <u>Fraxinus pennsylvanica</u>	10	<input checked="" type="checkbox"/>	33.3%	FACW	
3. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/>	16.7%	FAC	
4. <u>Ostrya virginiana</u>	5	<input type="checkbox"/>	16.7%	FACU	
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
<b>30 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤ 3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/>	6.3%	FACU	
2. <u>Persicaria maculosa</u>	5	<input type="checkbox"/>	6.3%	FACW	
3. <u>Agrimonia parviflora</u>	20	<input checked="" type="checkbox"/>	25.0%	FACW	
4. <u>Glyceria striata</u>	15	<input checked="" type="checkbox"/>	18.8%	OBL	
5. <u>Cardamine pensylvanica</u>	5	<input type="checkbox"/>	6.3%	OBL	
6. <u>Juncus effusus</u>	10	<input type="checkbox"/>	12.5%	FACW	
7. <u>Impatiens capensis</u>	20	<input checked="" type="checkbox"/>	25.0%	FACW	
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
<b>80 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
<b>0 = Total Cover</b>					

Remarks: (Include photo numbers here or on a separate sheet.) Wetland data point located within a scrub-shrub area surrounded by forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WQ

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-2	10YR	4/1	90	10YR	4/6	10	C	PL	Silty Clay	
2-5	10YR	4/2	90	10YR	4/6	10	C	PL	Silty Clay	
5-12	10YR	4/4	95	10YR	4/6	5	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpQ  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931288 **Long.:** -84.384347 **Datum:** Nad83  
**Soil Map Unit Name:** FCL - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WQ.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 No hydrology observed at upland data point.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpQ

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	20	<input checked="" type="checkbox"/> 57.1%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)	
2. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3. <u>Fagus grandifolia</u>	5	<input type="checkbox"/> 14.3%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>33.3%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>35</u> x 3 = <u>105</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>55</u> x 4 = <u>220</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
	35	<b>= Total Cover</b>		<b>Column Totals:</b> <u>90</u> (A) <u>325</u> (B)	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>3.611</u>	
1. <u>Ligustrum sinense</u>	2	<input type="checkbox"/> 10.0%	FACU	<b>Hydrophytic Vegetation Indicators:</b>	
2. <u>Lindera benzoin</u>	10	<input checked="" type="checkbox"/> 50.0%	FAC	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
3. <u>Fagus grandifolia</u>	3	<input type="checkbox"/> 15.0%	FACU	<input type="checkbox"/> Dominance Test is > 50%	
4. <u>Ostrya virginiana</u>	5	<input checked="" type="checkbox"/> 25.0%	FACU	<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
5. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	20	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	35	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpQ

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WR  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931570 **Long.:** -84.383352 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO seep wetland located along a valley bottom.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated at surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WR

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	5	<input type="checkbox"/> 13.5%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)	
2. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 54.1%	FAC	Total Number of Dominant Species Across All Strata: <u>5</u> (B)	
3. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 27.0%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>80.0%</u> (A/B)	
4. <u>Liriodendron tulipifera</u>	2	<input type="checkbox"/> 5.4%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	37	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 100.0%	FAC	OBL species	<u>0</u> x 1 = <u>0</u>
2. <u>Ostrya virginiana</u>		<input type="checkbox"/> 0.0%	FACU	FACW species	<u>10</u> x 2 = <u>20</u>
3. _____		<input type="checkbox"/> 0.0%		FAC species	<u>65</u> x 3 = <u>195</u>
4. _____		<input type="checkbox"/> 0.0%		FACU species	<u>0</u> x 4 = <u>0</u>
5. _____	0	<input type="checkbox"/> 0.0%		UPL species	<u>0</u> x 5 = <u>0</u>
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b>	<u>75</u> (A) <u>215</u> (B)
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>2.599</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
10. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
	20	<b>= Total Cover</b>		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
3. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
7. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	0	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Five Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/> 14.3%	FACU	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. <u>Athyrium filix-femina</u>	20	<input checked="" type="checkbox"/> 57.1%	FAC	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u>Osmundastrum cinnamomeum</u>	10	<input checked="" type="checkbox"/> 28.6%	FACW	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____		<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____		<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____		<input type="checkbox"/> 0.0%			
7. _____		<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	35	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within a bottomland forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WR

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-5	10YR	3/1	98	10YR	4/4	02	C	PL	Silty Clay	
5-12	10YR	4/1	90	10YR	4/4	10	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpR  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931489 **Long.:** -84.383316 **Datum:** Nad83  
**Soil Map Unit Name:** FcL - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WR.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpR

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>		
1. <u>Acer rubrum</u>	20	<input checked="" type="checkbox"/> 57.1%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)		
2. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	Total Number of Dominant Species Across All Strata: <u>6</u> (B)		
3. <u>Fagus grandifolia</u>	5	<input type="checkbox"/> 14.3%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>33.3%</u> (A/B)		
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>		
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____		
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>		
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>		
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>35</u> x 3 = <u>105</u>		
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>55</u> x 4 = <u>220</u>		
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>		
	35	<b>= Total Cover</b>		<b>Column Totals:</b> <u>90</u> (A) <u>325</u> (B)		
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>3.611</u>		
1. <u>Ligustrum sinense</u>	2	<input type="checkbox"/> 10.0%	FACU	<b>Hydrophytic Vegetation Indicators:</b>		
2. <u>Lindera benzoin</u>	10	<input checked="" type="checkbox"/> 50.0%	FAC	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation		
3. <u>Fagus grandifolia</u>	3	<input type="checkbox"/> 15.0%	FACU	<input type="checkbox"/> Dominance Test is > 50%		
4. <u>Ostrya virginiana</u>	5	<input checked="" type="checkbox"/> 25.0%	FACU	<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>		
5. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)		
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)		
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.		
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>		
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>		
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.		
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.		
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.		
	20	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.		
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>		
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).		
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.		
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.		
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.		
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.		
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>		
7. _____	0	<input type="checkbox"/> 0.0%				
8. _____	0	<input type="checkbox"/> 0.0%				
9. _____	0	<input type="checkbox"/> 0.0%				
10. _____	0	<input type="checkbox"/> 0.0%				
11. _____	0	<input type="checkbox"/> 0.0%				
12. _____	0	<input type="checkbox"/> 0.0%				
	35	<b>= Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )						
1. _____	0	<input type="checkbox"/> 0.0%				
2. _____	0	<input type="checkbox"/> 0.0%				
3. _____	0	<input type="checkbox"/> 0.0%				
4. _____	0	<input type="checkbox"/> 0.0%				
5. _____	0	<input type="checkbox"/> 0.0%				
6. _____	0	<input type="checkbox"/> 0.0%				
	0	<b>= Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpR

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WS  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931927 **Long.:** -84.383203 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO fringe wetland located along an intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Wetland saturated at surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WS

	Absolute % Cover		Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)  Total Number of Dominant Species Across All Strata: <u>4</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. <u>Acer rubrum</u>	20	<input checked="" type="checkbox"/>	57.1%	FAC	
2. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/>	42.9%	FAC	
3. _____		<input type="checkbox"/>	0.0%		
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
	35	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>22</u> x 2 = <u>44</u> FAC species <u>55</u> x 3 = <u>165</u> FACU species <u>5</u> x 4 = <u>20</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>82</u> (A) <u>229</u> (B)  Prevalence Index = B/A = <u>2.793</u>
1. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/>	100.0%	FAC	
2. _____		<input type="checkbox"/>	0.0%		
3. _____		<input type="checkbox"/>	0.0%		
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
	20	<b>= Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
	0	<b>= Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/>	18.5%	FACU	
2. <u>Persicaria maculosa</u>	2	<input type="checkbox"/>	7.4%	FACW	
3. <u>Leersia virginica</u>	5	<input type="checkbox"/>	18.5%	FACW	
4. <u>Juncus effusus</u>	15	<input checked="" type="checkbox"/>	55.6%	FACW	
5. _____		<input type="checkbox"/>	0.0%		
6. _____		<input type="checkbox"/>	0.0%		
7. _____		<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
	27	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
	0	<b>= Total Cover</b>			

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within a bottomland forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WS

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-4	10YR	3/2	95	10YR	4/6	5	C	PL	Silty Clay	
4-12	10YR	4/1	95	10YR	4/6	5	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpS  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.931976 **Long.:** -84.383204 **Datum:** Nad83  
**Soil Map Unit Name:** FCL - Fullerton cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WS.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpS

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	25	<input checked="" type="checkbox"/> 62.5%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)	
2. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/> 37.5%	FAC	Total Number of Dominant Species Across All Strata: <u>7</u> (B)	
3. _____		<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>28.6%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>0</u> x 1 = <u>0</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>45</u> x 3 = <u>135</u>	
9. _____	0	<input type="checkbox"/> 0.0%		FACU species <u>43</u> x 4 = <u>172</u>	
10. _____	0	<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
	40	<b>= Total Cover</b>		<b>Column Totals:</b> <u>88</u> (A) <u>307</u> (B)	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Prevalence Index = B/A = <u>3.489</u>	
1. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 38.5%	FACU	<b>Hydrophytic Vegetation Indicators:</b>	
2. <u>Ostrya virginiana</u>	5	<input checked="" type="checkbox"/> 38.5%	FACU	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
3. <u>Fagus grandifolia</u>	3	<input checked="" type="checkbox"/> 23.1%	FACU	<input type="checkbox"/> Dominance Test is > 50%	
4. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
5. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
6. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
7. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
11. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
12. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	13	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Five Vegetation Strata:</b>	
1. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	35	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpS

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WT  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Saddle **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.933216 **Long.:** -84.382609 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO depression located above a utility easement and connected to an ephemeral stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 6	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated within 6 inches of ground surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WT

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	25	<input checked="" type="checkbox"/> 71.4%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>6</u> (A)	
2. <u>Liquidambar styraciflua</u>	10	<input checked="" type="checkbox"/> 28.6%	FAC	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3. _____		<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		OBL species <u>5</u> x 1 = <u>5</u>	
7. _____	0	<input type="checkbox"/> 0.0%		FACW species <u>0</u> x 2 = <u>0</u>	
8. _____	0	<input type="checkbox"/> 0.0%		FAC species <u>47</u> x 3 = <u>141</u>	
	35 = Total Cover			FACU species <u>0</u> x 4 = <u>0</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				UPL species <u>0</u> x 5 = <u>0</u>	
1. <u>Liquidambar styraciflua</u>	2	<input checked="" type="checkbox"/> 28.6%	FAC	<b>Column Totals:</b> <u>52</u> (A) <u>146</u> (B)	
2. <u>Acer rubrum</u>	5	<input checked="" type="checkbox"/> 71.4%	FAC	Prevalence Index = B/A = <u>2.808</u>	
3. _____		<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
4. _____		<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
5. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
6. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
7. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
8. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
9. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
	7 = Total Cover			<b>Four Vegetation Strata:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
2. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
3. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Five Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
7. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
8. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
9. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Carex gynandra</u>	5	<input checked="" type="checkbox"/> 50.0%	OBL		
2. <u>Athyrium filix-femina</u>	5	<input checked="" type="checkbox"/> 50.0%	FAC		
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____		<input type="checkbox"/> 0.0%			
6. _____		<input type="checkbox"/> 0.0%			
7. _____		<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	10 = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within rolling forestland.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WT

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-2	10YR	4/3	100						Silty Clay	
2-12	10YR	4/2	85	10YR	4/6	15	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 07-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpT  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.933174 **Long.:** -84.382739 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WT.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpT

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	5	<input type="checkbox"/> 14.3%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)	
2. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/> 42.9%	FAC	Total Number of Dominant Species Across All Strata: <u>7</u> (B)	
3. <u>Quercus rubra</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>14.3%</u> (A/B)	
4. <u>Pinus taeda</u>	5	<input type="checkbox"/> 14.3%	FAC		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	35	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 27.8%	FACU	OBL species <u>0</u> x 1 = <u>0</u>	
2. <u>Ilex opaca</u>	5	<input checked="" type="checkbox"/> 27.8%	FACU	FACW species <u>0</u> x 2 = <u>0</u>	
3. <u>Fagus grandifolia</u>	3	<input type="checkbox"/> 16.7%	FACU	FAC species <u>25</u> x 3 = <u>75</u>	
4. <u>Cornus florida</u>	5	<input checked="" type="checkbox"/> 27.8%	FACU	FACU species <u>63</u> x 4 = <u>252</u>	
5. _____		<input type="checkbox"/> 0.0%		UPL species <u>0</u> x 5 = <u>0</u>	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b> <u>88</u> (A) <u>327</u> (B)	
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.716</u>	
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	18	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Indicators:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
2. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
3. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
5. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Definition of Vegetation Strata:</b>	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Four Vegetation Strata:</b>	
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
2. <u>Polystichum acrostichoides</u>	25	<input checked="" type="checkbox"/> 71.4%	FACU	Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
3. _____		<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
4. _____		<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	35	<b>= Total Cover</b>		<b>Five Vegetation Strata:</b>	
<b>Woody Vine Stratum</b> (Plot size: _____ )				Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
2. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
3. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpT

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WU  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937145 **Long.:** -84.375426 **Datum:** Nad83  
**Soil Map Unit Name:** Jg - Jefferson gravelly fine sandy loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland that originates at a groundwater seep and provides hydrology to a downslope stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WU

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )			<b>Dominant Species?</b>		
	<b>Absolute % Cover</b>	<b>Rel.Strat. Cover</b>	<b>Indicator Status</b>		
1. <u>Acer rubrum</u>	5	<input type="checkbox"/> 13.5%	FAC	<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>7</u> (A)  Total Number of Dominant Species Across All Strata: <u>8</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>87.5%</u> (A/B)	
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 13.5%	FAC		
3. <u>Platanus occidentalis</u>	25	<input checked="" type="checkbox"/> 67.6%	FACW		
4. <u>Liriodendron tulipifera</u>	2	<input type="checkbox"/> 5.4%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	37	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					
1. <u>Ulmus rubra</u>	2	<input type="checkbox"/> 14.3%	FAC		
2. <u>Cornus amomum</u>	10	<input checked="" type="checkbox"/> 71.4%	FACW		
3. <u>Liquidambar styraciflua</u>	2	<input type="checkbox"/> 14.3%	FAC		
4. _____		<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	14	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
<b>Shrub Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 25.0%	FACU		
2. <u>Rorippa palustris</u>	5	<input checked="" type="checkbox"/> 12.5%	OBL		
3. <u>Osmundastrum cinnamomeum</u>	5	<input checked="" type="checkbox"/> 12.5%	FACW		
4. <u>Juncus effusus</u>	10	<input checked="" type="checkbox"/> 25.0%	FACW		
5. <u>Carex gynandra</u>	5	<input checked="" type="checkbox"/> 12.5%	OBL		
6. <u>Toxicodendron radicans</u>	5	<input checked="" type="checkbox"/> 12.5%	FAC		
7. _____		<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	40	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within bottomland forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WU

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-7	10YR	4/2	98	10YR	4/6	2	C	PL	Silty Clay	
7-12	10YR	4/2	95	10YR	5/6	3	C	PL	Silty Clay	
				10YR	2/2	2	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpU  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 3.0 % / 71.6 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937323 **Long.:** -84.375529 **Datum:** Nad83  
**Soil Map Unit Name:** Ccz - Clarksville cherty silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WU.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpU

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>4</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>75.0%</u> (A/B)
1. <u>Pinus taeda</u>	40	<input checked="" type="checkbox"/>	100.0%	FAC	
2. _____		<input type="checkbox"/>	0.0%		
3. _____		<input type="checkbox"/>	0.0%		
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
<b>40 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>2</u> x 2 = <u>4</u> FAC species <u>75</u> x 3 = <u>225</u> FACU species <u>35</u> x 4 = <u>140</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>112</u> (A) <u>369</u> (B)  Prevalence Index = B/A = <u>3.295</u>
1. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/>	54.1%	FAC	
2. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/>	27.0%	FAC	
3. <u>Juniperus virginiana</u>	5	<input type="checkbox"/>	13.5%	FACU	
4. <u>Platanus occidentalis</u>	2	<input type="checkbox"/>	5.4%	FACW	
5. _____		<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
<b>37 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Allium vineale</u>	20	<input checked="" type="checkbox"/>	57.1%	FACU	
2. <u>Fragaria vesca</u>	5	<input type="checkbox"/>	14.3%	FACU	
3. <u>Lonicera sempervirens</u>	5	<input type="checkbox"/>	14.3%	FACU	
4. <u>Bignonia capreolata</u>	2	<input type="checkbox"/>	5.7%	FAC	
5. <u>Acer rubrum</u>	3	<input type="checkbox"/>	8.6%	FAC	
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
<b>35 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
<b>0 = Total Cover</b>					

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpU

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	4/3	100					Silty Clay	
2-12	10YR	4/4	90	10YR	4/3	10		Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WV  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937731 **Long.:** -84.377631 **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO groundwater-seep fed wetland.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WV

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>5</u> (A)  Total Number of Dominant Species Across All Strata: <u>8</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>62.5%</u> (A/B)
1. <u>Acer rubrum</u>	25	<input checked="" type="checkbox"/> 50.0%	FAC	
2. <u>Liquidambar styraciflua</u>	20	<input checked="" type="checkbox"/> 40.0%	FAC	
3. <u>Platanus occidentalis</u>	5	<input type="checkbox"/> 10.0%	FACW	
4. _____		<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
<b>50 = Total Cover</b>				
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>22</u> x 1 = <u>22</u> FACW species <u>5</u> x 2 = <u>10</u> FAC species <u>65</u> x 3 = <u>195</u> FACU species <u>16</u> x 4 = <u>64</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>108</u> (A) <u>291</u> (B)  Prevalence Index = B/A = <u>2.694</u>
1. <u>Alnus serrulata</u>	15	<input checked="" type="checkbox"/> 42.9%	OBL	
2. <u>Acer rubrum</u>	2	<input type="checkbox"/> 5.7%	FAC	
3. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/> 42.9%	FAC	
4. <u>Lindera benzoin</u>	3	<input type="checkbox"/> 8.6%	FAC	
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
<b>35 = Total Cover</b>				
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤ 3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
<b>0 = Total Cover</b>				
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	6	<input checked="" type="checkbox"/> 26.1%	FACU	
2. <u>Alnus serrulata</u>	5	<input checked="" type="checkbox"/> 21.7%	OBL	
3. <u>Ligustrum sinense</u>	5	<input checked="" type="checkbox"/> 21.7%	FACU	
4. <u>Solidago canadensis</u>	5	<input checked="" type="checkbox"/> 21.7%	FACU	
5. <u>Cardamine bulbosa</u>	2	<input type="checkbox"/> 8.7%	OBL	
6. _____		<input type="checkbox"/> 0.0%		
7. _____		<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
11. _____	0	<input type="checkbox"/> 0.0%		
12. _____	0	<input type="checkbox"/> 0.0%		
<b>23 = Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
<b>0 = Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within bottomland forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WV

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-2	10YR	4/1	98	10YR	4/6	2	C	PL	Silty Clay	
2-12	10YR	5/1	95	10YR	4/6	5	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input checked="" type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpV  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937752 **Long.:** -84.377512 **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WV.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpV

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>6</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>50.0%</u> (A/B)
1. <u>Pinus taeda</u>	15	<input checked="" type="checkbox"/>	37.5%	FAC	
2. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/>	25.0%	FAC	
3. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/>	37.5%	FAC	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>40 = Total Cover</b>					
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>45</u> x 3 = <u>135</u> FACU species <u>65</u> x 4 = <u>260</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>110</u> (A) <u>395</u> (B)  Prevalence Index = B/A = <u>3.591</u>
1. <u>Ligustrum sinense</u>	25	<input checked="" type="checkbox"/>	100.0%	FACU	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>25 = Total Cover</b>					
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Smilax rotundifolia</u>	5	<input type="checkbox"/>	11.1%	FAC	
2. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/>	22.2%	FACU	
3. <u>Rosa multiflora</u>	5	<input type="checkbox"/>	11.1%	FACU	
4. <u>Polystichum acrostichoides</u>	25	<input checked="" type="checkbox"/>	55.6%	FACU	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
7. _____	0	<input type="checkbox"/>	0.0%	_____	
8. _____	0	<input type="checkbox"/>	0.0%	_____	
9. _____	0	<input type="checkbox"/>	0.0%	_____	
10. _____	0	<input type="checkbox"/>	0.0%	_____	
11. _____	0	<input type="checkbox"/>	0.0%	_____	
12. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>45 = Total Cover</b>					
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%	_____	
2. _____	0	<input type="checkbox"/>	0.0%	_____	
3. _____	0	<input type="checkbox"/>	0.0%	_____	
4. _____	0	<input type="checkbox"/>	0.0%	_____	
5. _____	0	<input type="checkbox"/>	0.0%	_____	
6. _____	0	<input type="checkbox"/>	0.0%	_____	
<b>0 = Total Cover</b>					

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpV

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	4/3	100					Silty Clay	
2-12	10YR	5/6	95	10YR	4/4	5		Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** WW  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Valley bottom      **Local relief (concave, convex, none):** rolling      **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.937477      **Long.:** -84.378076      **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam      **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> Isolated depression next to the haul road.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>3</u> Water Table Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present?      Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> (includes capillary fringe)	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland inundated approximately 3 inches.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WW

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )			<b>Dominant Species?</b>		
	<b>Absolute % Cover</b>	<b>Rel.Strat. Cover</b>	<b>Indicator Status</b>		
1. <u>Platanus occidentalis</u>	2	<input type="checkbox"/> 5.4%	FACW	<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)  Total Number of Dominant Species Across All Strata: <u>4</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)	
2. <u>Liquidambar styraciflua</u>	35	<input checked="" type="checkbox"/> 94.6%	FAC		
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	37	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					
1. <u>Liquidambar styraciflua</u>	10	<input checked="" type="checkbox"/> 20.0%	FAC		
2. <u>Fraxinus pennsylvanica</u>	15	<input checked="" type="checkbox"/> 30.0%	FACW		
3. <u>Cornus amomum</u>	25	<input checked="" type="checkbox"/> 50.0%	FACW		
4. _____		<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					
1. _____		<input type="checkbox"/> 0.0%			
2. _____		<input type="checkbox"/> 0.0%			
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____		<input type="checkbox"/> 0.0%			
6. _____		<input type="checkbox"/> 0.0%			
7. _____		<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.) Wetland data point located within inundated area with no herbaceous vegetation.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WW

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-1	10YR	2/1	100						Muck	
1-3	10YR	3/1	100						Silty Clay	
3-12	10YR	4/2	90	10YR	4/6	5	C	PL	Silty Clay	
				10YR	3/2	5	RM	M	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input checked="" type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Soils has a 1-inch muck layer above a depleted matrix.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport      **City/County:** Oak Ridge / Roane      **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge      **State:** TN      **Sampling Point:** UpW  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME)      **Section, Township, Range:** S      T      R  
**Landform (hillslope, terrace, etc.):** Valley bottom      **Local relief (concave, convex, none):** rolling      **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N      **Lat.:** 35.937599      **Long.:** -84.378094      **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam      **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?**      **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?**      (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WW.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present?      Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ (includes capillary fringe)	<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 No hydrology observed at upland data point.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpW

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liriodendron tulipifera</u>	10	<input checked="" type="checkbox"/> 33.3%	FACU	Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)	
2. <u>Juqlans nigra</u>	15	<input checked="" type="checkbox"/> 50.0%	FACU	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3. <u>Prunus serotina</u>	2	<input type="checkbox"/> 6.7%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>16.7%</u> (A/B)	
4. <u>Celtis occidentalis</u>	3	<input type="checkbox"/> 10.0%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	30	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	30	<input checked="" type="checkbox"/> 85.7%	FACU	OBL species	<u>0</u> x 1 = <u>0</u>
2. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/> 14.3%	FAC	FACW species	<u>0</u> x 2 = <u>0</u>
3. _____		<input type="checkbox"/> 0.0%		FAC species	<u>25</u> x 3 = <u>75</u>
4. _____		<input type="checkbox"/> 0.0%		FACU species	<u>85</u> x 4 = <u>340</u>
5. _____		<input type="checkbox"/> 0.0%		UPL species	<u>0</u> x 5 = <u>0</u>
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b>	<u>110</u> (A) <u>415</u> (B)
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.773</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
10. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
	35	<b>= Total Cover</b>		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
3. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
7. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	0	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Five Vegetation Strata:</b>	
1. <u>Ligustrum sinense</u>	5	<input type="checkbox"/> 11.1%	FACU	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 22.2%	FACU	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u>Microsteqium vimineum</u>	15	<input checked="" type="checkbox"/> 33.3%	FAC	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. <u>Fragaria vesca</u>	10	<input checked="" type="checkbox"/> 22.2%	FACU	Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. <u>Viola sororia</u>	5	<input type="checkbox"/> 11.1%	FAC	Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	45	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpW

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-4	10YR	4/3	100				Silty Clay	
4-12	10YR	4/4	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WX  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.928148 **Long.:** -84.383396 **Datum:** Nad83  
**Soil Map Unit Name:** AfX - Allen very fine sandy loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO seep wetland located along a valley bottom.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>3</u> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland inundated approximately 3 inches.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WX

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Liquidambar styraciflua</u>	30	<input checked="" type="checkbox"/> 50.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)	
2. <u>Carya glabra</u>	25	<input checked="" type="checkbox"/> 41.7%	FACU	Total Number of Dominant Species Across All Strata: <u>3</u> (B)	
3. <u>Quercus rubra</u>	5	<input type="checkbox"/> 8.3%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>66.7%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>40</u> x 3 = <u>120</u> FACU species <u>30</u> x 4 = <u>120</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>70</u> (A) <u>240</u> (B) Prevalence Index = B/A = <u>3.429</u>	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	<b>60 = Total Cover</b>				
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
1. <u>Ulmus rubra</u>	10	<input checked="" type="checkbox"/> 100.0%	FAC		
2. _____		<input type="checkbox"/> 0.0%			
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	<b>10 = Total Cover</b>				
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height. <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.	
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	<b>0 = Total Cover</b>				
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
1. _____		<input type="checkbox"/> 0.0%			
2. _____		<input type="checkbox"/> 0.0%			
3. _____		<input type="checkbox"/> 0.0%			
4. _____		<input type="checkbox"/> 0.0%			
5. _____		<input type="checkbox"/> 0.0%			
6. _____		<input type="checkbox"/> 0.0%			
7. _____		<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	<b>0 = Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	<b>0 = Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.) Wetland data point located within inundated area with no herbaceous vegetation.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WX

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-1	10YR	4/2	100						Silty Clay	
1-12	10YR	4/2	98	10YR	2/1	4/6	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 13-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpX  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Swale **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.928119 **Long.:** -84.383294 **Datum:** Nad83  
**Soil Map Unit Name:** AfX - Allen very fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WX within a ditch next to a parking lot.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (minimum of two required)
<input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)

<b>Field Observations:</b> Surface Water Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>1</u> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Area possessed standing water shortly following a rain event.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpX

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A)  Total Number of Dominant Species Across All Strata: <u>4</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>25.0%</u> (A/B)
1. _____	_____	<input type="checkbox"/> 0.0%	_____	
2. _____	_____	<input type="checkbox"/> 0.0%	_____	
3. _____	_____	<input type="checkbox"/> 0.0%	_____	
4. _____	_____	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
8. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____  OBL species <u>0</u> x <u>1</u> = <u>0</u> FACW species <u>0</u> x <u>2</u> = <u>0</u> FAC species <u>10</u> x <u>3</u> = <u>30</u> FACU species <u>65</u> x <u>4</u> = <u>260</u> UPL species <u>0</u> x <u>5</u> = <u>0</u> <b>Column Totals:</b> <u>75</u> (A) <u>290</u> (B)  Prevalence Index = B/A = <u>3.867</u>
1. <u>Ligustrum sinense</u>	<u>30</u>	<input checked="" type="checkbox"/> 50.0%	<u>FACU</u>	
2. <u>Liquidambar styraciflua</u>	<u>5</u>	<input type="checkbox"/> 8.3%	<u>FAC</u>	
3. <u>Juniperus virginiana</u>	<u>25</u>	<input checked="" type="checkbox"/> 41.7%	<u>FACU</u>	
4. _____	_____	<input type="checkbox"/> 0.0%	_____	
5. _____	_____	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
8. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
9. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
10. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>60 = Total Cover</b>				
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> Dominance Test is > 50% <input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
2. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
3. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
4. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Acer rubrum</u>	<u>5</u>	<input checked="" type="checkbox"/> 33.3%	<u>FAC</u>	
2. <u>Lonicera sempervirens</u>	<u>10</u>	<input checked="" type="checkbox"/> 66.7%	<u>FACU</u>	
3. _____	_____	<input type="checkbox"/> 0.0%	_____	
4. _____	_____	<input type="checkbox"/> 0.0%	_____	
5. _____	_____	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
8. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
9. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
10. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
11. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
12. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>15 = Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
2. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
3. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
4. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected between a parking lot and a forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpX

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-8	10YR	4/4	95	10YR	5/3	5		Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: Gravel  
 Depth (inches): 8

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WY  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.941280 **Long.:** -84.372715 **Datum:** Nad83  
**Soil Map Unit Name:** unknown **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located at a groundwater seep / origin of an intermittent stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WY

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	5	<input checked="" type="checkbox"/> 50.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>6</u> (A)	
2. <u>Liriodendron tulipifera</u>	5	<input checked="" type="checkbox"/> 50.0%	FACU	Total Number of Dominant Species Across All Strata: <u>8</u> (B)	
3. _____		<input type="checkbox"/> 0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: <u>75.0%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Total % Cover of: _____ Multiply by: _____	
6. _____	0	<input type="checkbox"/> 0.0%		<b>OBL species</b> <u>5</u> x 1 = <u>5</u>	
7. _____	0	<input type="checkbox"/> 0.0%		<b>FACW species</b> <u>45</u> x 2 = <u>90</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>FAC species</b> <u>37</u> x 3 = <u>111</u>	
	10 = <b>Total Cover</b>			<b>FACU species</b> <u>20</u> x 4 = <u>80</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>UPL species</b> <u>0</u> x 5 = <u>0</u>	
1. <u>Ligustrum sinense</u>	10	<input checked="" type="checkbox"/> 28.6%	FACU	<b>Column Totals:</b> <u>107</u> (A) <u>286</u> (B)	
2. <u>Alnus serrulata</u>	5	<input type="checkbox"/> 14.3%	OBL	Prevalence Index = B/A = <u>2.673</u>	
3. <u>Liquidambar styraciflua</u>	15	<input checked="" type="checkbox"/> 42.9%	FAC	<b>Hydrophytic Vegetation Indicators:</b>	
4. <u>Acer rubrum</u>	5	<input type="checkbox"/> 14.3%	FAC	<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
5. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
6. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Prevalence Index is ≤ 3.0 <sup>1</sup>	
7. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
8. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
9. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
	35 = <b>Total Cover</b>			<b>Four Vegetation Strata:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
2. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
3. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Five Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
7. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
8. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
9. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
10. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	62 = <b>Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0 = <b>Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within bottomland forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WY

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/2	97	10YR	5/6	03	C	PL	Silty Clay

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpY  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.941305 **Long.:** -84.372860 **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WY.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u>		<u>Secondary Indicators (minimum of two required)</u>	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpY

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)	
2. <u>Liriodendron tulipifera</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Total Number of Dominant Species Across All Strata: <u>9</u> (B)	
3. <u>Liquidambar styraciflua</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC	Percent of dominant Species That Are OBL, FACW, or FAC: <u>22.2%</u> (A/B)	
4. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 22.2%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	45	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	15	<input checked="" type="checkbox"/> 60.0%	FACU	OBL species <u>0</u> x 1 = <u>0</u>	
2. <u>Juniperus virginiana</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU	FACW species <u>0</u> x 2 = <u>0</u>	
3. <u>Cornus florida</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU	FAC species <u>25</u> x 3 = <u>75</u>	
4. _____		<input type="checkbox"/> 0.0%		FACU species <u>90</u> x 4 = <u>360</u>	
5. _____		<input type="checkbox"/> 0.0%		UPL species <u>5</u> x 5 = <u>25</u>	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b> <u>120</u> (A) <u>460</u> (B)	
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.833</u>	
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
10. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
	25	<b>= Total Cover</b>		<input type="checkbox"/> Dominance Test is > 50%	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
2. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
3. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
7. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
	0	<b>= Total Cover</b>		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
1. <u>Cynoglossum virginianum</u>	5	<input type="checkbox"/> 10.0%	UPL	Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
2. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 20.0%	FACU		
3. <u>Toxicodendron radicans</u>	5	<input type="checkbox"/> 10.0%	FAC		
4. <u>Polystichum acrostichoides</u>	30	<input checked="" type="checkbox"/> 60.0%	FACU		
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>		<b>Five Vegetation Strata:</b>	
<b>Woody Vine Stratum</b> (Plot size: _____ )				Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
2. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
3. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpY

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WZ  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.940064 **Long.:** -84.373164 **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam **NWI classification:** PFO

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located along the floodplain of a perennial stream.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>10</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): <u>0</u>		<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> Soils saturated at the surface.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WZ

	Absolute % Cover		Dominant Species? Rel.Strat. Cover	Indicator Status		
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )						
1. <u>Acer rubrum</u>	20	<input checked="" type="checkbox"/>	40.0%	FAC	<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>5</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>60.0%</u> (A/B)	
2. <u>Platanus occidentalis</u>	30	<input checked="" type="checkbox"/>	60.0%	FACW		
3. _____		<input type="checkbox"/>	0.0%			
4. _____		<input type="checkbox"/>	0.0%			
5. _____	0	<input type="checkbox"/>	0.0%			
6. _____	0	<input type="checkbox"/>	0.0%			
7. _____	0	<input type="checkbox"/>	0.0%			
8. _____	0	<input type="checkbox"/>	0.0%			
			<b>50 = Total Cover</b>		<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>20</u> x 1 = <u>20</u> FACW species <u>30</u> x 2 = <u>60</u> FAC species <u>25</u> x 3 = <u>75</u> FACU species <u>35</u> x 4 = <u>140</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>110</u> (A) <u>295</u> (B)  Prevalence Index = B/A = <u>2.682</u>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )						
1. <u>Alnus serrulata</u>	20	<input checked="" type="checkbox"/>	66.7%	OBL		
2. <u>Ligustrum sinense</u>	10	<input checked="" type="checkbox"/>	33.3%	FACU		
3. _____		<input type="checkbox"/>	0.0%			
4. _____		<input type="checkbox"/>	0.0%			
5. _____	0	<input type="checkbox"/>	0.0%			
6. _____	0	<input type="checkbox"/>	0.0%			
7. _____	0	<input type="checkbox"/>	0.0%			
8. _____	0	<input type="checkbox"/>	0.0%			
9. _____	0	<input type="checkbox"/>	0.0%			
10. _____	0	<input type="checkbox"/>	0.0%			
			<b>30 = Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )						
1. _____	0	<input type="checkbox"/>	0.0%			
2. _____	0	<input type="checkbox"/>	0.0%			
3. _____	0	<input type="checkbox"/>	0.0%			
4. _____	0	<input type="checkbox"/>	0.0%			
5. _____	0	<input type="checkbox"/>	0.0%			
6. _____	0	<input type="checkbox"/>	0.0%			
7. _____	0	<input type="checkbox"/>	0.0%			
			<b>0 = Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )						
1. <u>Lonicera sempervirens</u>	20	<input checked="" type="checkbox"/>	66.7%	FACU		
2. <u>Ligustrum sinense</u>	5	<input type="checkbox"/>	16.7%	FACU		
3. <u>Campsis radicans</u>	2	<input type="checkbox"/>	6.7%	FAC		
4. <u>Toxicodendron radicans</u>	3	<input type="checkbox"/>	10.0%	FAC		
5. _____		<input type="checkbox"/>	0.0%			
6. _____		<input type="checkbox"/>	0.0%			
7. _____		<input type="checkbox"/>	0.0%			
8. _____	0	<input type="checkbox"/>	0.0%			
9. _____	0	<input type="checkbox"/>	0.0%			
10. _____	0	<input type="checkbox"/>	0.0%			
11. _____	0	<input type="checkbox"/>	0.0%			
12. _____	0	<input type="checkbox"/>	0.0%			
			<b>30 = Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )						
1. _____	0	<input type="checkbox"/>	0.0%			
2. _____	0	<input type="checkbox"/>	0.0%			
3. _____	0	<input type="checkbox"/>	0.0%			
4. _____	0	<input type="checkbox"/>	0.0%			
5. _____	0	<input type="checkbox"/>	0.0%			
6. _____	0	<input type="checkbox"/>	0.0%			
			<b>0 = Total Cover</b>			

**Hydrophytic Vegetation Indicators:**

Rapid Test for Hydrophytic Vegetation

Dominance Test is > 50%

Prevalence Index is ≤ 3.0 <sup>1</sup>

Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)

<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

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**Definition of Vegetation Strata:**

**Four Vegetation Strata:**

Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.

Woody vines – Consists of all woody vines greater than 3.28 ft in height.

**Five Vegetation Strata:**

Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.

Woody vines – Consists of all woody vines, regardless of height.

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**Hydrophytic Vegetation Present?**      Yes       No

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within bottomland forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WZ

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	5/2	98	10YR	4/4	2	C	PL	Silty Clay

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpZ  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.940096 **Long.:** -84.373067 **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WZ.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 No hydrology observed at upland data point.



**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpZ

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)	
2. <u>Liriodendron tulipifera</u>	15	<input checked="" type="checkbox"/> 33.3%	FACU	Total Number of Dominant Species Across All Strata: <u>9</u> (B)	
3. <u>Liquidambar styraciflua</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC	Percent of dominant Species That Are OBL, FACW, or FAC: <u>22.2%</u> (A/B)	
4. <u>Ostrya virginiana</u>	10	<input checked="" type="checkbox"/> 22.2%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	45	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Ligustrum sinense</u>	15	<input checked="" type="checkbox"/> 60.0%	FACU	OBL species <u>0</u> x 1 = <u>0</u>	
2. <u>Juniperus virginiana</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU	FACW species <u>0</u> x 2 = <u>0</u>	
3. <u>Cornus florida</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU	FAC species <u>25</u> x 3 = <u>75</u>	
4. _____		<input type="checkbox"/> 0.0%		FACU species <u>90</u> x 4 = <u>360</u>	
5. _____		<input type="checkbox"/> 0.0%		UPL species <u>5</u> x 5 = <u>25</u>	
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b> <u>120</u> (A) <u>460</u> (B)	
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.833</u>	
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
	25	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Indicators:</b>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Dominance Test is > 50%	
2. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup>	
3. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
4. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
5. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Definition of Vegetation Strata:</b>	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Four Vegetation Strata:</b>	
1. <u>Cynoglossum virginianum</u>	5	<input type="checkbox"/> 10.0%	UPL	Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
2. <u>Lonicera sempervirens</u>	10	<input checked="" type="checkbox"/> 20.0%	FACU	Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
3. <u>Toxicodendron radicans</u>	5	<input type="checkbox"/> 10.0%	FAC	Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
4. <u>Polystichum acrostichoides</u>	30	<input checked="" type="checkbox"/> 60.0%	FACU	Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>		<b>Five Vegetation Strata:</b>	
<b>Woody Vine Stratum</b> (Plot size: _____ )				Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
1. _____	0	<input type="checkbox"/> 0.0%		Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
2. _____	0	<input type="checkbox"/> 0.0%		Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
3. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
4. _____	0	<input type="checkbox"/> 0.0%		Woody vines – Consists of all woody vines, regardless of height.	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpZ

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WAA  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 2.0 % / 63.4 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.938515 **Long.:** -84.374584 **Datum:** Nad83  
**Soil Map Unit Name:** Jg - Jefferson gravelly fine sandy loam **NWI classification:** PFO/PEM

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located along the floodplain of a perennial stream. The wetland is a PEM within a utility easement.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/>	Depth (inches): _____ Depth (inches): <u>6</u> Depth (inches): <u>0</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Soils saturated at the surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WAA

	Absolute % Cover		Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>8</u> (A)  Total Number of Dominant Species Across All Strata: <u>9</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>88.9%</u> (A/B)
1. <u>Acer rubrum</u>	20	<input checked="" type="checkbox"/>	36.4%	FAC	
2. <u>Platanus occidentalis</u>	30	<input checked="" type="checkbox"/>	54.5%	FACW	
3. <u>Liquidambar styraciflua</u>	5	<input type="checkbox"/>	9.1%	FAC	
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
	55	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>15</u> x 1 = <u>15</u> FACW species <u>50</u> x 2 = <u>100</u> FAC species <u>65</u> x 3 = <u>195</u> FACU species <u>15</u> x 4 = <u>60</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>145</u> (A) <u>370</u> (B)  Prevalence Index = B/A = <u>2.552</u>
1. <u>Liquidambar styraciflua</u>	10	<input checked="" type="checkbox"/>	50.0%	FAC	
2. <u>Acer rubrum</u>	5	<input checked="" type="checkbox"/>	25.0%	FAC	
3. <u>Ulmus rubra</u>	5	<input checked="" type="checkbox"/>	25.0%	FAC	
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
	20	<b>= Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
	0	<b>= Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Lonicera sempervirens</u>	15	<input checked="" type="checkbox"/>	21.4%	FACU	
2. <u>Juncus effusus</u>	20	<input checked="" type="checkbox"/>	28.6%	FACW	
3. <u>Microsteqium vimineum</u>	20	<input checked="" type="checkbox"/>	28.6%	FAC	
4. <u>Cardamine bulbosa</u>	15	<input checked="" type="checkbox"/>	21.4%	OBL	
5. _____		<input type="checkbox"/>	0.0%		
6. _____		<input type="checkbox"/>	0.0%		
7. _____		<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
	70	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
	0	<b>= Total Cover</b>			

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within bottomland forest. The PEM portion of the wetland within a utility easement possesses similar herbaceous species and no trees.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WAA

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-2	10YR	4/2	100						Silty Clay	
2-12	10YR	5/2	97	10YR	5/8	3	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <p><input type="checkbox"/> Histosol (A1)</p> <p><input type="checkbox"/> Histic Epipedon (A2)</p> <p><input type="checkbox"/> Black Histic (A3)</p> <p><input type="checkbox"/> Hydrogen Sulfide (A4)</p> <p><input type="checkbox"/> Stratified Layers (A5)</p> <p><input type="checkbox"/> 2 cm Muck (A10) (LRR N)</p> <p><input type="checkbox"/> Depleted Below Dark Surface (A11)</p> <p><input type="checkbox"/> Thick Dark Surface (A12)</p> <p><input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)</p> <p><input type="checkbox"/> Sandy Gleyed Matrix (S4)</p> <p><input type="checkbox"/> Sandy Redox (S5)</p> <p><input type="checkbox"/> Stripped Matrix (S6)</p>	<p><input type="checkbox"/> Dark Surface (S7)</p> <p><input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148)</p> <p><input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148)</p> <p><input type="checkbox"/> Loamy Gleyed Matrix (F2)</p> <p><input checked="" type="checkbox"/> Depleted Matrix (F3)</p> <p><input type="checkbox"/> Redox Dark Surface (F6)</p> <p><input type="checkbox"/> Depleted Dark Surface (F7)</p> <p><input type="checkbox"/> Redox Depressions (F8)</p> <p><input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136)</p> <p><input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148)</p> <p><input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)</p>	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <p><input type="checkbox"/> 2 cm Muck (A10) (MLRA 147)</p> <p><input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148)</p> <p><input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147)</p> <p><input type="checkbox"/> Very Shallow Dark Surface (TF12)</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_

Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 16-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpAA  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.938445 **Long.:** -84.374400 **Datum:** Nad83  
**Soil Map Unit Name:** Gs - Greendale silt loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WAA.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <u>Primary Indicators (minimum of one required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	
<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
<b>Remarks:</b> No hydrology observed at upland data point.	

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpAA

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer rubrum</u>	10	<input type="checkbox"/> 18.2%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)	
2. <u>Platanus occidentalis</u>	40	<input checked="" type="checkbox"/> 72.7%	FACW	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3. <u>Ostrya virginiana</u>	5	<input type="checkbox"/> 9.1%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>50.0%</u> (A/B)	
4. _____		<input type="checkbox"/> 0.0%		<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>50</u> x 2 = <u>100</u> FAC species <u>25</u> x 3 = <u>75</u> FACU species <u>50</u> x 4 = <u>200</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>125</u> (A) <u>375</u> (B) Prevalence Index = B/A = <u>3.000</u>	
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )	<b>55 = Total Cover</b>			<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
1. <u>Fraxinus pennsylvanica</u>	10	<input checked="" type="checkbox"/> 40.0%	FACW		
2. <u>Prunus serotina</u>	5	<input checked="" type="checkbox"/> 20.0%	FACU		
3. <u>Rubus allegheniensis</u>	10	<input checked="" type="checkbox"/> 40.0%	FACU		
4. _____		<input type="checkbox"/> 0.0%			
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
<b>Shrub Stratum</b> (Plot size: _____ )	<b>25 = Total Cover</b>			<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height. <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.	
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )	<b>0 = Total Cover</b>			<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
1. <u>Campsis radicans</u>	5	<input type="checkbox"/> 11.1%	FAC		
2. <u>Lonicera sempervirens</u>	30	<input checked="" type="checkbox"/> 66.7%	FACU		
3. <u>Toxicodendron radicans</u>	10	<input checked="" type="checkbox"/> 22.2%	FAC		
4. _____		<input type="checkbox"/> 0.0%			
5. _____		<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
<b>Woody Vine Stratum</b> (Plot size: _____ )	<b>45 = Total Cover</b>				
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpAA

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features			Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type <sup>1</sup>		
0-5	10YR	4/3	100				Silty Clay	
5-12	10YR	4/4	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.



**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 20-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WBB  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937072 **Long.:** -84.371614 **Datum:** Nad83  
**Soil Map Unit Name:** AvK - Apison very fine sandy loam **NWI classification:** PFO/PEM

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located along the floodplain of an intermittent stream. The wetland is a PEM within a utility easement.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/>	Depth (inches): _____ Depth (inches): <u>10</u> Depth (inches): <u>6</u>	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated within 6 inches of ground surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WBB

	Absolute % Cover		Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>6</u> (A)  Total Number of Dominant Species Across All Strata: <u>6</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. <u>Acer negundo</u>	5	<input type="checkbox"/>	10.0%	FAC	
2. <u>Platanus occidentalis</u>	20	<input checked="" type="checkbox"/>	40.0%	FACW	
3. <u>Salix nigra</u>	25	<input checked="" type="checkbox"/>	50.0%	OBL	
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
	50	<b>= Total Cover</b>			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>30</u> x 1 = <u>30</u> FACW species <u>45</u> x 2 = <u>90</u> FAC species <u>75</u> x 3 = <u>225</u> FACU species <u>0</u> x 4 = <u>0</u> UPL species <u>0</u> x 5 = <u>0</u> <b>Column Totals:</b> <u>150</u> (A) <u>345</u> (B)  Prevalence Index = B/A = <u>2.300</u>
1. <u>Acer negundo</u>	25	<input checked="" type="checkbox"/>	62.5%	FAC	
2. <u>Sambucus nigra</u>	15	<input checked="" type="checkbox"/>	37.5%	FAC	
3. _____		<input type="checkbox"/>	0.0%		
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
	40	<b>= Total Cover</b>			
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤ 3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
	0	<b>= Total Cover</b>			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Impatiens capensis</u>	25	<input checked="" type="checkbox"/>	41.7%	FACW	
2. <u>Toxicodendron radicans</u>	5	<input type="checkbox"/>	8.3%	FAC	
3. <u>Vernonia gigantea</u>	20	<input checked="" type="checkbox"/>	33.3%	FAC	
4. <u>Microsteqium vimineum</u>	5	<input type="checkbox"/>	8.3%	FAC	
5. <u>Galium tinctorium</u>	5	<input type="checkbox"/>	8.3%	OBL	
6. _____		<input type="checkbox"/>	0.0%		
7. _____		<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
	60	<b>= Total Cover</b>			
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
	0	<b>= Total Cover</b>			

**Remarks: (Include photo numbers here or on a separate sheet.)**

Wetland data point located within bottomland forest. The PEM portion of the wetland within a utility easement possesses similar herbaceous species and no trees.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: WBB

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-6	10YR	4/3	100						Silty Clay	
6-12	10YR	4/1	95	10YR	5/6	2	C	PL	Silty Clay	
				10YR	3/1	3	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

**Hydric Soil Indicators:**

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- 2 cm Muck (A10) (LRR N)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)

- Dark Surface (S7)
- Polyvalue Below Surface (S8) (MLRA 147,148)
- Thin Dark Surface (S9) (MLRA 147, 148)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Iron-Manganese Masses (F12) (LRR N, MLRA 136)
- Umbric Surface (F13) (MLRA 136, 122)
- Piedmont Floodplain Soils (F19) (MLRA 148)
- Red Parent Material (F21) (MLRA 127, 147)

**Indicators for Problematic Hydric Soils<sup>3</sup>:**

- 2 cm Muck (A10) (MLRA 147)
- Coast Prairie Redox (A16) (MLRA 147,148)
- Piedmont Floodplain Soils (F19) (MLRA 136, 147)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

**Remarks:**

Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 20-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpBB  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937103 **Long.:** -84.371892 **Datum:** Nad83  
**Soil Map Unit Name:** Av - Apison very fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WBB.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	
<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
<b>Remarks:</b> No hydrology observed at upland data point.	

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpBB

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )	<b>Absolute % Cover</b>	<b>Dominant Species? Rel.Strat. Cover</b>	<b>Indicator Status</b>	<b>Dominance Test worksheet:</b>	
1. <u>Acer negundo</u>	20	<input checked="" type="checkbox"/> 33.3%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: <u>3</u> (A)	
2. <u>Platanus occidentalis</u>	5	<input type="checkbox"/> 8.3%	FACW	Total Number of Dominant Species Across All Strata: <u>5</u> (B)	
3. <u>Liriodendron tulipifera</u>	30	<input checked="" type="checkbox"/> 50.0%	FACU	Percent of dominant Species That Are OBL, FACW, or FAC: <u>60.0%</u> (A/B)	
4. <u>Juniperus virginiana</u>	5	<input type="checkbox"/> 8.3%	FACU		
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
	60	<b>= Total Cover</b>		<b>Prevalence Index worksheet:</b>	
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				Total % Cover of: _____ Multiply by: _____	
1. <u>Acer negundo</u>	15	<input checked="" type="checkbox"/> 100.0%	FAC	OBL species	<u>0</u> x 1 = <u>0</u>
2. _____		<input type="checkbox"/> 0.0%		FACW species	<u>5</u> x 2 = <u>10</u>
3. _____		<input type="checkbox"/> 0.0%		FAC species	<u>45</u> x 3 = <u>135</u>
4. _____		<input type="checkbox"/> 0.0%		FACU species	<u>70</u> x 4 = <u>280</u>
5. _____		<input type="checkbox"/> 0.0%		UPL species	<u>5</u> x 5 = <u>25</u>
6. _____	0	<input type="checkbox"/> 0.0%		<b>Column Totals:</b>	<u>125</u> (A) <u>450</u> (B)
7. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index = B/A = <u>3.600</u>	
8. _____	0	<input type="checkbox"/> 0.0%		<b>Hydrophytic Vegetation Indicators:</b>	
9. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Rapid Test for Hydrophytic Vegetation	
10. _____	0	<input type="checkbox"/> 0.0%		<input checked="" type="checkbox"/> Dominance Test is > 50%	
	15	<b>= Total Cover</b>		<input type="checkbox"/> Prevalence Index is ≤ 3.0 <sup>1</sup>	
<b>Shrub Stratum</b> (Plot size: _____ )				<input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)	
1. _____	0	<input type="checkbox"/> 0.0%		<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. _____	0	<input type="checkbox"/> 0.0%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
3. _____	0	<input type="checkbox"/> 0.0%		<b>Definition of Vegetation Strata:</b>	
4. _____	0	<input type="checkbox"/> 0.0%		<b>Four Vegetation Strata:</b>	
5. _____	0	<input type="checkbox"/> 0.0%		Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%		Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.	
7. _____	0	<input type="checkbox"/> 0.0%		Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall.	
	0	<b>= Total Cover</b>		Woody vines – Consists of all woody vines greater than 3.28 ft in height.	
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Five Vegetation Strata:</b>	
1. <u>Fragaria vesca</u>	5	<input type="checkbox"/> 10.0%	FACU	Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
2. <u>Lonicera sempervirens</u>	25	<input checked="" type="checkbox"/> 50.0%	FACU	Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u>Cynoglossum virginianum</u>	5	<input type="checkbox"/> 10.0%	UPL	Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. <u>Galium aparine</u>	5	<input type="checkbox"/> 10.0%	FACU	Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height.	
5. <u>Amphicarpaea bracteata</u>	10	<input checked="" type="checkbox"/> 20.0%	FAC	Woody vines – Consists of all woody vines, regardless of height.	
6. _____	0	<input type="checkbox"/> 0.0%			
7. _____	0	<input type="checkbox"/> 0.0%			
8. _____	0	<input type="checkbox"/> 0.0%			
9. _____	0	<input type="checkbox"/> 0.0%			
10. _____	0	<input type="checkbox"/> 0.0%			
11. _____	0	<input type="checkbox"/> 0.0%			
12. _____	0	<input type="checkbox"/> 0.0%			
	50	<b>= Total Cover</b>		<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	
<b>Woody Vine Stratum</b> (Plot size: _____ )					
1. _____	0	<input type="checkbox"/> 0.0%			
2. _____	0	<input type="checkbox"/> 0.0%			
3. _____	0	<input type="checkbox"/> 0.0%			
4. _____	0	<input type="checkbox"/> 0.0%			
5. _____	0	<input type="checkbox"/> 0.0%			
6. _____	0	<input type="checkbox"/> 0.0%			
	0	<b>= Total Cover</b>			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpBB

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-12	10YR	4/3	100				Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

Hydric Soil Present?    Yes     No

Remarks:  
 Non-hydric soils observed.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 20-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** WCC  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937903 **Long.:** -84.370842 **Datum:** Nad83  
**Soil Map Unit Name:** AvK - Apison very fine sandy loam **NWI classification:** PSS

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Hydric Soil Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
<b>Remarks:</b> PFO wetland located along the floodplain of an intermittent stream within a previously cleared area that consists of scrub-shrub growth.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators (minimum of one required; check all that apply)</b> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Saturation (A3) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<b>Secondary Indicators (minimum of two required)</b> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-neutral Test (D5)
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<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 6	<b>Wetland Hydrology Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

**Remarks:**  
 Wetland saturated within 6 inches of ground surface.

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: WCC

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )				<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)  Total Number of Dominant Species Across All Strata: <u>4</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
1. _____	_____	<input type="checkbox"/> 0.0%	_____	
2. _____	_____	<input type="checkbox"/> 0.0%	_____	
3. _____	_____	<input type="checkbox"/> 0.0%	_____	
4. _____	_____	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
8. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )				<b>Prevalence Index worksheet:</b> Total % Cover of: _____ Multiply by: _____ OBL species <u>5</u> x <u>1</u> = <u>5</u> FACW species <u>20</u> x <u>2</u> = <u>40</u> FAC species <u>65</u> x <u>3</u> = <u>195</u> FACU species <u>0</u> x <u>4</u> = <u>0</u> UPL species <u>0</u> x <u>5</u> = <u>0</u> <b>Column Totals:</b> <u>90</u> (A) <u>240</u> (B)  Prevalence Index = B/A = <u>2.667</u>
1. <u>Acer rubrum</u>	<u>15</u>	<input checked="" type="checkbox"/> 25.0%	FAC	
2. <u>Liquidambar styraciflua</u>	<u>45</u>	<input checked="" type="checkbox"/> 75.0%	FAC	
3. _____	_____	<input type="checkbox"/> 0.0%	_____	
4. _____	_____	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
8. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
9. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
10. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>60 = Total Cover</b>				
<b>Shrub Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
2. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
3. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
4. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
7. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )				<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Juncus effusus</u>	<u>10</u>	<input checked="" type="checkbox"/> 33.3%	FACW	
2. <u>Carex crinita</u>	<u>5</u>	<input type="checkbox"/> 16.7%	OBL	
3. <u>Vernonia gigantea</u>	<u>5</u>	<input type="checkbox"/> 16.7%	FAC	
4. <u>Agrimonia parviflora</u>	<u>10</u>	<input checked="" type="checkbox"/> 33.3%	FACW	
5. _____	_____	<input type="checkbox"/> 0.0%	_____	
6. _____	_____	<input type="checkbox"/> 0.0%	_____	
7. _____	_____	<input type="checkbox"/> 0.0%	_____	
8. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
9. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
10. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
11. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
12. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>30 = Total Cover</b>				
<b>Woody Vine Stratum</b> (Plot size: _____ )				<b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="radio"/> No <input type="radio"/>
1. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
2. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
3. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
4. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
5. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
6. _____	<u>0</u>	<input type="checkbox"/> 0.0%	_____	
<b>0 = Total Cover</b>				

Remarks: (Include photo numbers here or on a separate sheet.)

Wetland data point located within a scrub-shrub area.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.



**Soil**

Sampling Point: WCC

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		
0-1	10YR	4/2	100						Silty Clay	
1-12	10YR	5/1	95	10YR	4/6	5	C	PL	Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input checked="" type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
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<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Depleted matrix observed within upper 12 inches of soil.

**WETLAND DETERMINATION DATA FORM - Eastern Mountains and Piedmont Region**

**Project/Site:** Oak Ridge Airport **City/County:** Oak Ridge / Roane **Sampling Date:** 20-Apr-21  
**Applicant/Owner:** City of Oak Ridge **State:** TN **Sampling Point:** UpCC  
**Investigator(s):** S. Rowe, PWS and J. Rowe (S&ME) **Section, Township, Range:** S T R  
**Landform (hillslope, terrace, etc.):** Valley bottom **Local relief (concave, convex, none):** rolling **Slope:** 1.0 % / 45.0 °  
**Subregion (LRR or MLRA):** LRR N **Lat.:** 35.937976 **Long.:** -84.370717 **Datum:** Nad83  
**Soil Map Unit Name:** Lv - Leadvale very fine sandy loam **NWI classification:** Upland

**Are climatic/hydrologic conditions on the site typical for this time of year?** Yes  No  (If no, explain in Remarks.)  
**Are Vegetation**  , **Soil**  , **or Hydrology**  **significantly disturbed?** **Are "Normal Circumstances" present?** Yes  No   
**Are Vegetation**  , **Soil**  , **or Hydrology**  **naturally problematic?** (If needed, explain any answers in Remarks.)

**Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.**

<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Hydric Soil Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/> <b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Is the Sampled Area within a Wetland?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
<b>Remarks:</b> Upland point collected adjacent to WCC.	

**Hydrology**

<b>Wetland Hydrology Indicators:</b> Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> True Aquatic Plants (B14) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-neutral Test (D5)	
<b>Field Observations:</b> Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____		<b>Wetland Hydrology Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
<b>Remarks:</b> No hydrology observed at upland data point.			

**VEGETATION (Five/Four Strata)- Use scientific names of plants.**

Sampling Point: UpCC

<b>Tree Stratum</b> (Plot size: <u>30 ft</u> )					<b>Dominance Test worksheet:</b> Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A)  Total Number of Dominant Species Across All Strata: <u>9</u> (B)  Percent of dominant Species That Are OBL, FACW, or FAC: <u>44.4%</u> (A/B)
1. <u>Pinus taeda</u>	25	<input checked="" type="checkbox"/>	100.0%	FAC	
2. _____		<input type="checkbox"/>	0.0%		
3. _____		<input type="checkbox"/>	0.0%		
4. _____		<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
	25	= Total Cover			
<b>Sapling-Sapling/Shrub Stratum</b> (Plot size: <u>15 ft</u> )					<b>Prevalence Index worksheet:</b> Total % Cover of:      Multiply by:  OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>0</u> x 2 = <u>0</u> FAC species <u>50</u> x 3 = <u>150</u> FACU species <u>45</u> x 4 = <u>180</u> UPL species <u>20</u> x 5 = <u>100</u> <b>Column Totals:</b> <u>115</u> (A) <u>430</u> (B)  Prevalence Index = B/A = <u>3.739</u>
1. <u>Acer rubrum</u>	10	<input checked="" type="checkbox"/>	50.0%	FAC	
2. <u>Liquidambar styraciflua</u>	5	<input checked="" type="checkbox"/>	25.0%	FAC	
3. <u>Juniperus virginiana</u>	5	<input checked="" type="checkbox"/>	25.0%	FACU	
4. _____		<input type="checkbox"/>	0.0%		
5. _____		<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
8. _____	0	<input type="checkbox"/>	0.0%		
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
	20	= Total Cover			
<b>Shrub Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> <b>Rapid Test for Hydrophytic Vegetation</b> <input type="checkbox"/> <b>Dominance Test is &gt; 50%</b> <input type="checkbox"/> <b>Prevalence Index is ≤3.0</b> <sup>1</sup> <input type="checkbox"/> <b>Morphological Adaptations</b> <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> <b>Problematic Hydrophytic Vegetation</b> <sup>1</sup> (Explain)  <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
7. _____	0	<input type="checkbox"/>	0.0%		
	0	= Total Cover			
<b>Herb Stratum</b> (Plot size: <u>5 ft</u> )					<b>Definition of Vegetation Strata:</b> <b>Four Vegetation Strata:</b> Tree stratum – Consists of woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub stratum – Consists of woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb stratum – Consists of all herbaceous (non-woody) plants, regardless of size, and all other plants less than 3.28 ft tall. Woody vines – Consists of all woody vines greater than 3.28 ft in height.  <b>Five Vegetation Strata:</b> Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling stratum – Consists of woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub stratum – Consists of woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb stratum – Consists of all herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody species, except woody vines, less than approximately 3 ft (1 m) in height. Woody vines – Consists of all woody vines, regardless of height.
1. <u>Fragaria vesca</u>	5	<input type="checkbox"/>	7.1%	FACU	
2. <u>Rubus allegheniensis</u>	10	<input checked="" type="checkbox"/>	14.3%	FACU	
3. <u>Cynoglossum virginianum</u>	5	<input type="checkbox"/>	7.1%	UPL	
4. <u>Solidago canadensis</u>	15	<input checked="" type="checkbox"/>	21.4%	FACU	
5. <u>Toxicodendron radicans</u>	10	<input checked="" type="checkbox"/>	14.3%	FAC	
6. <u>Festuca arundinacea</u>	10	<input checked="" type="checkbox"/>	14.3%	FACU	
7. <u>Trifolium campestre</u>	10	<input checked="" type="checkbox"/>	14.3%	UPL	
8. <u>Coronilla varia</u>	5	<input type="checkbox"/>	7.1%	UPL	
9. _____	0	<input type="checkbox"/>	0.0%		
10. _____	0	<input type="checkbox"/>	0.0%		
11. _____	0	<input type="checkbox"/>	0.0%		
12. _____	0	<input type="checkbox"/>	0.0%		
	70	= Total Cover			
<b>Woody Vine Stratum</b> (Plot size: _____ )					<b>Hydrophytic Vegetation Present?</b> Yes <input type="radio"/> No <input checked="" type="radio"/>
1. _____	0	<input type="checkbox"/>	0.0%		
2. _____	0	<input type="checkbox"/>	0.0%		
3. _____	0	<input type="checkbox"/>	0.0%		
4. _____	0	<input type="checkbox"/>	0.0%		
5. _____	0	<input type="checkbox"/>	0.0%		
6. _____	0	<input type="checkbox"/>	0.0%		
	0	= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

Upland data point collected within shrub area bordered by forest.

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

**Soil**

Sampling Point: UpCC

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)		%	Type <sup>1</sup>		
0-2	10YR	4/3	100					Silty Clay	
2-12	10YR	4/4	98	10YR	4/3	2		Silty Clay	

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    <sup>2</sup>Location: PL=Pore Lining, M=Matrix

<p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Stratified Layers (A5) <input type="checkbox"/> 2 cm Muck (A10) (LRR N) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Muck Mineral (S1) (LRR N, MLRA 147, 148) <input type="checkbox"/> Sandy Gleyed Matrix (S4) <input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Dark Surface (S7) <input type="checkbox"/> Polyvalue Below Surface (S8) (MLRA 147,148) <input type="checkbox"/> Thin Dark Surface (S9) (MLRA 147, 148) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8) <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR N, MLRA 136) <input type="checkbox"/> Umbric Surface (F13) (MLRA 136, 122) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 148) <input type="checkbox"/> Red Parent Material (F21) (MLRA 127, 147)	<p><b>Indicators for Problematic Hydric Soils<sup>3</sup>:</b></p> <input type="checkbox"/> 2 cm Muck (A10) (MLRA 147) <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 147,148) <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 136, 147) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
---	---	---

<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**  
 Type: \_\_\_\_\_  
 Depth (inches): \_\_\_\_\_

**Hydric Soil Present?**    Yes     No

Remarks:  
 Non-hydric soils observed.

## APPENDIX E



**Goodwyn Mills Cawood**

3310 West End Avenue  
Suite 420  
Nashville, TN 37203

T (615) 333-7200  
F (615) 333-0529

[www.gmcnetwork.com](http://www.gmcnetwork.com)

07/26/2021

Gene Robinson, District Conservationist  
Natural Resource Conservation Service, Kingston Field Office  
424 North Kentucky Street  
Kingston, Tennessee 37763  
Delivered electronically to: [gene.robinson@usda.gov](mailto:gene.robinson@usda.gov)

RE: Preliminary Agency Coordination  
Proposed Oak Ridge Airport  
City of Oak Ridge, Tennessee

To Whom it May Concern:

The City of Oak Ridge, with the assistance of Goodwyn Mills Cawood, LLC (GMC), is in the process of performing an Environmental Assessment (EA) pursuant to the National Environmental Policy Act (NEPA) for a proposed general aviation airport in Oak Ridge, Tennessee. The location of the proposed Oak Ridge Airport consists of approximately 475 acres to the north of the Oak Ridge Turnpike. The approximate center coordinates of the site are latitude: 35.929263° and longitude: -84.385470°. Please refer to the Figures 1-3 to view the project study area.

In summary, the central portion of the proposed project is within the East Tennessee Technology Park. This area was previously part of the K-25 Gaseous Diffusion Plant, which is a United States Department of Energy (DOE) uranium enrichment complex that ceased operation over 35 years ago. The remainder of the project site is primarily undeveloped forest. The proposed airport design features a 5,000-foot runway that will allow the facility to accommodate a variety of general aviation aircraft. Proposed development and construction activities include land clearing, grading, and placement of earthen backfill. Infrastructure development would include the runway, taxiway and apron space, vehicle access roads, parking, terminal and hangar buildings, walkways, fuel farm, and a fire protection facility with associated equipment.

GMC is providing this letter as an early coordination effort in order to receive preliminary comments from the Natural Resource Conservation Service prior to the development of the proposed Oak Ridge Airport. We would appreciate a response as soon as possible. If you need any further information, do not hesitate to contact me by email at [wesley.caputo@gmcnetwork.com](mailto:wesley.caputo@gmcnetwork.com) or by phone at (615) 333-7200.

Sincerely,

J. Wesley Caputo, PE, CFM  
Goodwyn Mills Cawood, LLC



## United States Department of the Interior



### FISH AND WILDLIFE SERVICE

Tennessee Ecological Services Field Office  
446 Neal Street  
Cookeville, Tennessee 38501  
(931) 528-6481

July 9, 2021

Ms. Sarah Rowe  
S&ME, Inc.  
6515 Nightingale Lane  
Knoxville, Tennessee 37909

Subject: FWS #2021-CPA-0457 / I-0952, Oak Ridge airport project, Roane County, Tennessee.

Dear Ms. Rowe,

Thank you for coordinating with us to address the potential for environmental impacts relative to a new airport project. We have reviewed the email that you sent on May 26, 2021, with a letter dated May 10, 2021, and supporting materials regarding proposed development of an airport on approximately 475 acres of land (FWS #2021-CPA-0457 / TA-0952, S&ME Project No. 4143-20-082). The proposed project site is located northwest of the Oak Ridge Turnpike near the intersection with Blair Road at Oak Ridge, Roane County, Tennessee. The supporting materials included Table 2-1 Federal and State Protected Species List, which includes federally listed species that were specified as being of potential concern during a search of the Fish and Wildlife Service's Information for Planning and Consultation system. Our input was requested regarding your "T&E Species Evaluation report" (T&E species report).

The T&E species report concluded that the majority of the federally listed species in Table 2-1 would not be affected by this action, and that two species (the Indiana bat and northern long-eared bat) are not likely to be adversely affected. However, you indicated that the federally threatened white fringeless orchid (*Platanthera integrilabia*) may occupy proposed areas of development. You indicated in the T&E species report that suitable roosting habitat for the Indiana bat and northern long-eared bat is present on the project site. As the report indicated, potential take of the northern long-eared bat is adequately addressed through the 4(d) rule for that species. You indicated that distribution information for the Indiana bat does not indicate presence of the species at the project site and that, therefore, the project is not likely to cause adverse effects to it.

The project proponent should address potential impact to the white fringeless orchid and develop conservation measures if avoidance of impact is not feasible. Potential for impact to the federally endangered Indiana bat (*Myotis sodalis*) should also be addressed. Although we are not

aware of its presence at the project site, this species has been documented in nearby areas. Because we are not aware of presence/absence survey information for this site, it is not appropriate at this time to consider the Indiana bat to be absent. Otherwise, we are not aware of federally listed species that could reasonably be expected to occur within the area of anticipated impact.

As documented in photographs 6, 7, 8, 9, and 10, perennial and intermittent streams occur within the proposed project area. These aquatic resources and adjacent habitats may support species deemed by the state to be in need of management. We recommend that conservation measures be developed to minimize direct and indirect impacts to fish and crayfish habitat (e.g., culverting of streams and transport of sediment from the proposed construction area).

The project proponent should continue to coordinate with us in an effort to conserve federally listed species and other species of concern during the planning stage for the proposed airport development. We look forward to opportunities to pursue conservation efforts during that coordination. Feel free to contact David Pelren of my staff at 931-261-5844 or by email at david\_pelren@fws.gov if further coordination regarding this project will be helpful.

Sincerely,

DANIEL  
ELBERT

Digitally signed by  
DANIEL ELBERT  
Date: 2021.07.09  
16:59:39 -05'00'

Daniel Elbert  
Field Supervisor





**TENNESSEE HISTORICAL COMMISSION**  
STATE HISTORIC PRESERVATION OFFICE  
2941 LEBANON PIKE  
NASHVILLE, TENNESSEE 37243-0442  
OFFICE: (615) 532-1550  
[www.tnhistoricalcommission.org](http://www.tnhistoricalcommission.org)

December 29, 2021

Dr. Anshu Singh  
Federal Aviation Administration, Memphis Airports District Office  
2600 Thousand Oaks Blvd  
Suite 2250  
Memphis, TN 38118

RE: FAA / Federal Aviation Administration, Proposed Oak Ridge Airport, Oak Ridge, Roane County, TN

Dear Dr. Singh:

In response to your request, we have reviewed the documents submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicants for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739) .

Considering available information, we concur that the project as currently proposed will adversely affect the National Register of Historic Places listed George Jones Memorial Baptist Church.

Further, the airport design and construction should take into consideration the ongoing cultural resource mitigation measures being implemented to address the Department of Energy's previous adverse effect to the now-demolished K-25 facility. Effort should be taken to design and construct the airport so as not to hinder or negatively impact these mitigative and interpretive plans.

You should continue to consult with our office to resolve the adverse effect. Please direct questions and comments to Kelley Reid (615) 770-1099. We appreciate your cooperation.

Sincerely,

for: E. Patrick McIntyre, Jr.  
State Historic Preservation Officer

Kelley Reid  
Historic Preservation Specialist/Coordinator  
Section 106 Review and Compliance Program  
Tennessee State Historic Preservation Office



**DEPARTMENT OF THE ARMY**  
NASHVILLE DISTRICT, CORPS OF ENGINEERS  
REGULATORY DIVISION  
3701 BELL ROAD  
NASHVILLE, TENNESSEE 37214

August 27, 2021

**SUBJECT:** File No. 2021-00493, Oak Ridge Airport; Preliminary Jurisdictional Determination and Approved Jurisdictional Determination, Tributaries and Wetlands of Poplar Creek Mile 1.4L, Clinch River Mile 12.0R, Tennessee River Mile 567.7R, Oak Ridge, Roane County, Tennessee

Ms. Sarah Rowe  
S&ME, Inc.  
6515 Nightingale Lane  
Knoxville, Tennessee 37909

Dear Ms. Rowe:

This letter is in regard to your report entitled *Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082*, received May 26, 2021" and subsequent correspondence June 30, 2021 and July 1, 2021, which documented potential waters of the United States on a review area of approximately 475 acres. The JD Report, associated with Oak Ridge Airport, near Oak Ridge, Tennessee, indicated your preference for potential waters of the U.S. on the review area to be reviewed as an approved jurisdictional determination (AJD) /preliminary jurisdictional determination (PJD). This project has been assigned File No. LRN-2021-00493, please refer to this number in any future correspondence.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403). Under Section 10, the USACE regulates any work in, or affecting, navigable waters of the U.S. It appears the review area includes navigable waters of the U.S. and would be subject to the provisions of Section 10. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S., including wetlands.

**a. Preliminary Jurisdictional Determination:** Based on a field review on June 9, 2021 and on a desktop review of the JD Report, five reaches of intermittent stream totaling 2,823 linear feet, and 0.34 acres of wetlands were documented within the review area. This office has determined these features **may** be jurisdictional waters of the U.S. in accordance with 33 C.F.R. 331.2 and a PJD has been prepared. The PJD is non-binding, cannot be appealed and only provides a written indication that waters of the U.S, including wetlands, may be present on-site. For purposes of computation of

impacts, compensatory mitigation requirements and other resource protection measures, a permit decision made on the basis of a PJD will treat all waters that would be affected in any way by the permitted activity on the site as if they are jurisdictional waters of the U.S. This determination is only valid for the review area shown on the attached map entitled "LRN-2021-00493, Sheets 1-7", attached to this letter.

Enclosed with this letter is a copy of the PJD. If you agree with the findings of this PJD and understand your options regarding the same, please sign and date the form and return it to this office within 30 days of receipt of this letter. You should submit the signed copy to the following address:

U.S. Army Corps of Engineers  
East Regulatory Field Office  
501 Adesa Parkway, Suite 250  
Lenoir City, Tennessee 37771  
Attn: Mark M. McIntosh

**b. Approved Jurisdictional Determination:** Also enclosed is an approved jurisdictional determination for aquatic resources identified as Poplar Creek, S1, S2, S3, S4, S5, S6, S7, S8, S14, S15, S16, S17, OW1, OW2, OW3, OW4, WA, WB, WC, WE, WF, WG, WH, WI, WJ, WK, WN, WU, WV, WY, WZ, WAA, WBB, WCC, ES1, ES2, ES3, ES4, ES5, ES6, ES7, ES8, ES9, ES10, WL, WM, WW, WX, and OW4. The rationale for this determination is provided in the attached Approved Jurisdictional Determination form. The approved jurisdictional determination expires five years from the date of this letter, unless new information warrants revision of the determination before the expiration date, or the District Engineer identifies specific geographic areas with rapidly changing environmental conditions that merit re-verification on a more frequent basis. This approved jurisdictional determination is only valid for the review area as shown on the map labeled "LRN-2021-00493, Sheets 1-7"

If you object to this decision, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Appeals Process (NAP) fact sheet and Request for Appeal (RFA) form. If you request to appeal this decision you must submit a completed RFA form to the Great Lakes and Ohio River Division, Division Office at the following address:

Regulatory Appeal Review Officer  
ATTN: Ms. Suzanne Chubb  
Army Engineer Division  
550 Main Street, Room 10-714  
Cincinnati, OH 45202-3222  
TEL (513) 684-7261

In order for an RFA to be accepted by the USACE, the USACE must determine that it is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division Office within 60 days of the date listed on the RFA form. **It is not necessary to submit an RFA form to the Division Office if you do not object to the decision in this letter.**

The delineation included herein has been conducted to identify the location and extent of the aquatic resource boundaries and/or the jurisdictional status of aquatic resources for purposes of the Clean Water Act for the particular site identified in this request. This delineation and/or jurisdictional determination may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should discuss the applicability of a certified wetland determination with the local USDA service center, prior to starting work.

We appreciate your awareness of the USACE regulatory program. If you have any questions, you may contact the Project Manager at (865) 986-7296, or by e-mail at [mark.m.mcintosh@usace.army.mil](mailto:mark.m.mcintosh@usace.army.mil).

Sincerely,

  
For Casey H. Ehorn  
Chief, East Branch  
Regulatory Division

Enclosures

**ATTACHMENT**

**PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM**

**BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR (PJD):** August 27, 2021

**B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:**

Sara Rowe  
S&ME, Inc  
6515 Nightingale Lane  
Knoxville, Tennessee 37909

**C. DISTRICT OFFICE, FILE NAME, AND NUMBER:**

Nashville District  
Oak Ridge Airport  
LRN-2021-00493

**D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:** Tributaries and Wetlands of Poplar Creek Mile 1.4L, Clinch River Mile 12.0R, Tennessee River Mile 567.7R, Oak Ridge, Roane County, Tennessee  
**(USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)**

State: TN County/parish/borough: Roane City:

Center coordinates of site (lat/long in degree decimal format):

Lat. 35.93252° N, Long. -84.380392° W.

Universal Transverse Mercator: NAD83

Name of nearest waterbody: Poplar Creek

Identify (estimate) amount of waters in the review area:

Non-wetland waters:

2,823 linear feet of Intermittent Stream

Wetlands: 0.34 acre

**E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

Office (Desk) Determination. Date: August 23, 2021

Field Determination. Date(s): June 9, 2021

**TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE"  
SUBJECT TO REGULATORY JURISDICTION.**

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
S10	35.9307	-84.3812	390 feet	Riverine, (Intermittent) R4	Section 404
S11	35.9313	-84.3825	135 feet	Riverine, (Intermittent) R4	Section 404
S12	35.9328	-84.3833	448 feet	Riverine, (Intermittent) R4	Section 404
S13	35.9329	-84.3827	201 feet	Riverine, (Intermittent) R4	Section 404
S9	35.9319	-84.3806	1649 feet	Riverine, (Intermittent) R4	Section 404
WO	35.931884	-84.380572	0.01 acres	Palustrine, (Forested) PFO	Section 404
WQ	35.931203	-84.384328	0.25 acres	Palustrine (Scrub/Shrub) PSS	Section 404
WR	35.93157	-84.383352	0.04 acres	Palustrine, (Forested) PFO	Section 404
WS	35.931927	-84.383203	0.01 acres	Palustrine, (Forested) PFO	Section 404
WT	35.933216	-84.382609	0.03 acres	Palustrine, (Forested) PFO	Section 404

1. The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "may be" waters of the U.S. and/or that there "may be" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

**SUPPORTING DATA. Data reviewed for preliminary JD (check all that apply -**

checked items should be included in case file and, where checked and requested, appropriately reference sources below):

Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: *Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082 received May 26, 2021, POST-JD Site Visit correspondence received June 30, 2021, and RE: FN 2021-00493 Oak Ridge Airport JD correspondence received July 1, 2021.*

Data sheets prepared/submitted by or on behalf of the applicant/consultant.

Office concurs with data sheets/delineation report.

Office does not concur with data sheets/delineation report. Rationale:

Data sheets prepared by the Corps:

Corps navigable waters' study: Navigable waters as listed in Nashville District Public Notice #86-23, dated 8 May 1986.

U.S. Geological Survey Hydrologic Atlas:

- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: Elverton 1:24K.
- Natural Resources Conservation Service Soil Survey. Citation: *Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082* received May 26, 2021
- National wetlands inventory map(s). Cite name: Accessed via Google Earth Pro June 14, 2021 and August 23, 2021.
- State/Local wetland inventory map(s):
- FEMA/FIRM maps:
- 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- Photographs:
  - Aerial (Name & Date): Provided in *Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082* received May 26, 2021 .
  - Other (Name & Date): *Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082* received May 26, 2021.
- Previous determination(s). File no. and date of response letter:
- Other information (please specify): See Approved Jurisdictional Determination (AJD) 2021-00493 Oak Ridge Airport dated August 27, 2021.

**IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.**



\_\_\_\_\_  
Signature and date of  
Project Manager  
(REQUIRED)

\_\_\_\_\_  
Signature and date of  
person requesting preliminary JD  
(REQUIRED, unless obtaining the  
signature is impracticable)<sup>1</sup>

<sup>1</sup> Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action. For the Nashville District, concurrence is presumed after 30 days.





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**I. ADMINISTRATIVE INFORMATION**

Completion Date of Approved Jurisdictional Determination (AJD): 8/27/2021  
 ORM Number: LRN-2021-00493  
 Associated JDs: LRN-2021-00493; Oak Ridge Airport- Preliminary Jurisdictional Determination  
 Review Area Location<sup>1</sup>: State/Territory: TN City: Oak Ridge County/Parish/Borough: Roane  
 Center Coordinates of Review Area: Latitude 35.9325 Longitude -84.3804

**II. FINDINGS**

**A. Summary:** Check all that apply. At least one box from the following list **MUST** be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- There are "navigable waters of the United States" within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

**B. Rivers and Harbors Act of 1899 Section 10 (§ 10)<sup>2</sup>**

§ 10 Name	§ 10 Size		§ 10 Criteria	Rationale for § 10 Determination
Poplar Creek	600	linear feet	RHA Non-tidal water is on the district's Section 10 waters list	Portions of the submitted Evaluation Boundary are bounded by Poplar Creek; a Section 10 Navigable waters as listed in Nashville District Public Notice #86-23, dated 8 May 1986

**C. Clean Water Act Section 404**

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): <sup>3</sup>				
(a)(1) Name	(a)(1) Size		(a)(1) Criteria	Rationale for (a)(1) Determination
Poplar Creek	600	linear feet	(a)(1) Water is currently used, was used in the past, or may be susceptible to use in interstate or foreign commerce, including waters subject to the ebb and flow of the tide (CWA	Portions of the submitted Evaluation Boundary are bounded by Poplar Creek; a Section 10 Navigable waters as listed in Nashville District Public Notice #86-23, dated 8 May 1986

<sup>1</sup> Map(s)/figure(s) are attached to the AJD provided to the requestor.

<sup>2</sup> If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

<sup>3</sup> A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.



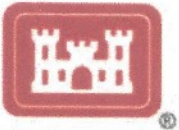
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Territorial Seas and Traditional Navigable Waters ((a)(1) waters): <sup>3</sup>			
(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
		Section 404 ONLY.	



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Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
S1	114	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S1 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S2	558	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S2 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S3	141	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S3 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S4	4030	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S4 is considered an (a)(2) stream under the Navigable Waters Protection Rule



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S5	1274	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S5 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S6	387	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S6 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S7	1247	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S7 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S8	276	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S8 is considered an (a)(2) stream under the Navigable Waters Protection Rule



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S14	154	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S14 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S15	1817	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S15 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S16	195	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S16 is considered an (a)(2) stream under the Navigable Waters Protection Rule
S17	63	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This stream exhibits intermittent hydrology based on OHWM, and connections to groundwater. This stream connects downstream to the Clinch River, an (a)(1) stream, via Poplar Creek and other (a)(2) waters in a typical year. No other natural or artificial non-jurisdictional features, such as non-jurisdictional surface water features, tunnels, debris piles, or boulder fields are along the flow path within the review area. S17 is considered an (a)(2) stream under the Navigable Waters Protection Rule



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Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):				
(a)(3) Name	(a)(3) Size		(a)(3) Criteria	Rationale for (a)(3) Determination
OW1	11.5	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	OW1 contributes surface water flow through a flood control structure to Poplar Creek. Therefore, OW1 meets the criteria of an (a)(3) lake, pond, or impoundment. As such, OW1 qualifies as a jurisdictional water under the Navigable Waters Protection Rule.
OW2	0.15	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	OW2 contributes surface water flow through a flood control structure to Poplar Creek. Therefore, OW2 meets the criteria of an (a)(3) lake, pond, or impoundment. As such, OW2 qualifies as a jurisdictional water under the Navigable Waters Protection Rule.
OW3	0.03	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	OW3 contributes surface water flow through a flood control structure to Poplar Creek. Therefore, OW3 meets the criteria of an (a)(3) lake, pond, or impoundment. As such, OW3 qualifies as a jurisdictional water under the Navigable Waters Protection Rule.
OW4	0.30	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	OW4 contributes surface water flow through a flood control structure to Poplar Creek. Therefore, OW3 meets the criteria of an (a)(3) lake, pond, or impoundment. As such, OW3 qualifies as a jurisdictional water under the Navigable Waters Protection Rule.



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Adjacent wetlands ((a)(4) waters):				
(a)(4) Name	(a)(4) Size		(a)(4) Criteria	Rationale for (a)(4) Determination
WA	11.7	acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	WA was confirmed to have a surface connection through a controlled flood gate to Poplar Creek. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WA is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WB	0.6	acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	WB was confirmed to have a surface connection through a controlled flood gate to Poplar Creek. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WB is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WC	0.17	acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	WC was confirmed to have a surface connection through a controlled flood gate to Poplar Creek. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WC is classified as an (a)(4) water under the Navigable Waters Protection Rule.



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WE	0.11	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WE abuts S2 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WE is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WF	0.04	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WF abuts S3 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WF is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WG	0.01	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WG abuts S4 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WG is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WH	0.01	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WH abuts S6 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WH is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WI	0.02	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WI abuts S5 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WI is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WJ	0.05	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WJ abuts S5 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WJ is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WK	0.14	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WK abuts S5 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WK is classified as an (a)(4) water under the Navigable Waters Protection Rule.





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WN	0.07	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WN abuts S8 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WN is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WU	2.41	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WU abuts S4 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WU is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WV	0.07	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WV abuts S4 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WV is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WY	0.08	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WY abuts S14 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WY is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WZ	0.04	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WZ abuts S4 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WZ is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WAA	0.78	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WAA abuts S4 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WAA is classified as an (a)(4) water under the Navigable Waters Protection Rule.
WBB	1.02	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WBB abuts S15 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WBB is classified as an (a)(4) water under the Navigable Waters Protection Rule.



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WCC	0.19	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	WCC abuts S15 (an (a)(2) water) based on the submitted report. It is classified as a wetland based on soils, vegetation, and hydrology. Because this feature connects to downstream (a)(1) waters via (a)(2) waters in a typical year, WCC is classified as an (a)(4) water under the Navigable Waters Protection Rule.

**D. Excluded Waters or Features**



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Excluded waters ((b)(1) – (b)(12)): <sup>4</sup>				
Exclusion Name	Exclusion Size		Exclusion <sup>5</sup>	Rationale for Exclusion Determination
ES1	47	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES1 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES2	100	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES2 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES3	120	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES3 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES4	82	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES4 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES5	93	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES5 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES6	320	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES6 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed

<sup>4</sup> Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

<sup>5</sup> Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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ES7	104	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES7 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES8	94	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES8 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES9	359	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES-9 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
ES10	68	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	ES-10 was determined to have an ephemeral flow regime based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD layer and Stream Stats application. No aquatic plants or macroinvertebrates were observed
WL	0.06	acre(s)	(b)(1) Non-adjacent wetland.	WL is excluded as a non-adjacent wetland and is not jurisdictional under the Navigable Waters Protection Rule of the Clean Water Act due to the following: WL abuts ES-3 which is a (b)(3) excluded water with an ephemeral flow regime. Therefore, this feature does not abut an (a)(1)-(3) jurisdictional water; is not inundated by flooding from an (a)(1)-(3) water in a typical year; is not physically separated from an (a)(1)-(3) water solely by a natural berm, bank, dune, or similar natural feature; nor by an artificial dike, barrier, or similar artificial structure. This feature does not have perennial or intermittent concentrated flow and does not meet the definition of an (a)(1)-(3) water.



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APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)  
NAVIGABLE WATERS PROTECTION RULE**

WM	0.16	acre(s)	(b)(1) Non-adjacent wetland.	WM is excluded as a non-adjacent wetland and is not jurisdictional under the Navigable Waters Protection Rule of the Clean Water Act due to the following: WL abuts ES-4 which is a (b)(3) excluded water with an ephemeral flow regime. Therefore, this feature does not abut an (a)(1)-(3) jurisdictional water; is not inundated by flooding from an (a)(1)-(3) water in a typical year; is not physically separated from an (a)(1)-(3) water solely by a natural berm, bank, dune, or similar natural feature; nor by an artificial dike, barrier, or similar artificial structure. This feature does not have perennial or intermittent concentrated flow and does not meet the definition of an (a)(1)-(3) water.
WW	0.06	acre(s)	(b)(1) Non-adjacent wetland.	WW is excluded as a non-adjacent wetland and is not jurisdictional under the Navigable Waters Protection Rule of the Clean Water Act. WW does not abut an (a)(1)-(3) jurisdictional water; is not inundated by flooding from an (a)(1)-(3) water in a typical year; is not physically separated from an (a)(1)-(3) water solely by a natural berm, bank, dune, or similar natural feature; nor by an artificial dike, barrier, or similar artificial structure. This feature does not have perennial or intermittent concentrated flow and does not meet the definition of an (a)(1)-(3) water.
WX	0.05	acre(s)	(b)(1) Non-adjacent wetland.	WX is excluded as a non-adjacent wetland and is not jurisdictional under the Navigable Waters Protection Rule of the Clean Water Act. WX does not abut an (a)(1)-(3) jurisdictional water; is not inundated by flooding from an (a)(1)-(3) water in a typical year; is not physically separated from an (a)(1)-(3) water solely by a natural berm, bank, dune, or similar natural feature; nor by an artificial dike, barrier, or similar artificial structure. This feature does not have perennial or intermittent concentrated flow and does not meet the definition of an (a)(1)-(3) water.
OW4	0.30	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as	OW4 was determined to be an artificial pond. The pond was constructed entirely in uplands and is not an impoundment of a jurisdictional water based on an evaluation of the submitted information, a site inspection, topographical maps, and online resources including the NHD



**U.S. ARMY CORPS OF ENGINEERS  
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APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)  
NAVIGABLE WATERS PROTECTION RULE**

		the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	layer and Stream Stats application.
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NAVIGABLE WATERS PROTECTION RULE**

**III. SUPPORTING INFORMATION**

**A. Select/enter all resources** that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

Information submitted by, or on behalf of, the applicant/consultant: Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082 received May 26, 2021, POST-JD Site Visit correspondence received June 30, 2021, and RE: FN 2021-00493 Oak Ridge Airport JD correspondence received July 1, 2021.

This information is sufficient for purposes of this AJD.

Rationale: N/A,

Data sheets prepared by the Corps: Title(s) and/or date(s).

Photographs: Other: Provided with Jurisdictional Waters Report Oak Ridge Airport Oak Ridge, Roane County, Tennessee S&ME Project No. 4143-20-082 received May 26, 2021

Corps site visit(s) conducted on: June 9, 2021

Previous Jurisdictional Determinations (AJDs or PJDs): N/A

Antecedent Precipitation Tool: June 9, 2021 (see Sec. B below).

USDA NRCS Soil Survey: Title(s) and/or date(s).

USFWS NWI maps: Accessed via Google Earth Pro June 14, 2021 and August 23, 2021

USGS topographic maps: Elverton 1:24K, accessed via Google Earth Pro August 23, 2021

**Other data sources used to aid in this determination:**

Data Source (select)	Name and/or date and other relevant information
USGS Stream stats	Reviewed on June 14, 2021
USDA Sources	N/A.
NOAA Sources	N/A.
CorpsMap ORM Map Layers	Reviewed on June 14, 2021 and August 23, 2021
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

**B. Typical year assessment(s):** The Antecedent Precipitation Tool was used to evaluate the project area for the previous 90 days, with an input date of 06/10/2021. A single point centered on the center of the project site was used to evaluate the rainfall data and was determined to be sufficient based on the small geographic size of the site. The 90 day period prior to 06/10/2021 was determined to be normal. No evidence of recent or sustained flow was observed in the ephemeral streams during the site visits. 0.5-0.75" of rainfall was recorded 72 hours prior to the site visit.

**C. Additional comments to support AJD:** N/A.

## NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Sarah Rowe	File Number: LRN-2021-00493	Date: 27-Aug-21
Attached is:		See Section below
<input type="checkbox"/>	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
<input type="checkbox"/>	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
<input type="checkbox"/>	PERMIT DENIAL	C
X	APPROVED JURISDICTIONAL DETERMINATION	D
X	PRELIMINARY JURISDICTIONAL DETERMINATION	E

**SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at**

[http://www.usace.army.mil/CECW/Pages/reg\\_materials.aspx](http://www.usace.army.mil/CECW/Pages/reg_materials.aspx) or Corps regulations at 33 CFR Part 331.

**A: INITIAL PROFFERED PERMIT:** You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

**B: PROFFERED PERMIT:** You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**C: PERMIT DENIAL:** You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**D: APPROVED JURISDICTIONAL DETERMINATION:** You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**E: PRELIMINARY JURISDICTIONAL DETERMINATION:** You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.



**SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT**

**REASONS FOR APPEAL OR OBJECTIONS:** (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

**ADDITIONAL INFORMATION:** The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

**POINT OF CONTACT FOR QUESTIONS OR INFORMATION:**

If you have questions regarding this decision and/or the appeal process you may contact:

Mark M McIntosh  
Nashville District, U.S. Army Corps of Engineers  
East Regulatory Field Office  
501 Adesa Parkway, Suite 250  
Lenoir City, TN 37771  
(865) 986-7296; Mark.M.McIntosh@usace.army.mil

If you only have questions regarding the appeal process you may also contact:

Regulatory Appeals Review Officer  
ATTN: Ms. Suzanne Chubb  
Army Engineer Division  
550 Main Street, Room 10-714  
Cincinnati, Ohio 45202-3222  
Phone: (513) 684-7261

**RIGHT OF ENTRY:** Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.	Date:	Telephone number:
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## Gary Brown

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**From:** White, Douglas <White.Douglas@epa.gov>  
**Sent:** Thursday, September 9, 2021 5:07 PM  
**To:** Wesley Caputo  
**Cc:** Kajumba, Ntale; Dieter, Lucien  
**Subject:** EPA Scoping Comments on the Proposed Oak Ridge Airport

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Re: EPA Comments on the Notice of Intent to Prepare an Environmental Assessment for the Construction and Operation of an Airport at Oak Ridge, Tennessee

Dear Mr. Caputo:

The U. S. Environmental Protection Agency (EPA) received the referenced document and has reviewed the subject proposal in accordance with Section 309 of the Clean Air Act and Section 102(2)(C) of the National Environmental Policy Act (NEPA). The EPA understands that the City of Oak Ridge (Oak Ridge) is conducting an Environmental Assessment (EA) for the proposed construction and operation of a general aviation airport.

Under the Proposed Action Alternative, Oak Ridge would construct and operate a 5,000 ft runway on the site of the former United States Department of Energy K-25 Gaseous Diffusion Plant and adjacent lands. Supporting infrastructure to be constructed would include access roads, taxiways, aprons, hangars, a terminal, a fire-fighting facility, graded surfaces, a fueling facility, and ancillary stormwater drainage structures. The purpose of this EA is for Oak Ridge to evaluate the impacts of this Proposed Action.

Upon review of the scoping documents, the EPA notes that the improvements considered are compatible with the current land use of this facility. It appears that this project will not have a significant impact on human health and the environment. The EPA has the following comments:

**Air Quality and Climate Change:** The Proposed Action is located in Roane County, Tennessee which is currently in Maintenance Status with the National Ambient Air Quality Standards for Particulate Matter (PM 2.5). The EPA recommends analyzing the Proposed Action using tools such as the Air Conformity Applicability Model to verify that construction and operation in support of the Proposed Action will not produce emissions above de minimis levels. The EPA recommends controlling fugitive dust emissions and implementing measures to reduce diesel emissions from construction equipment, such as switching to cleaner fuels, retrofitting equipment with emission reduction technologies, repowering older engines with cleaner engines, replacing older vehicles, inspecting and maintaining fuel tanks in accordance with regulations, and reducing idling through operator training and contracting policies. Quantification of contributions to climate change attributable to the Proposed Action may further the purposes of the EA.

**Hazardous Materials and Containment:** The Oak Ridge Reservation Superfund site extends onto property selected for the Proposed Action. Coordination with the EPA's Superfund division should be made to ensure that contaminated soils are not transported to uncontaminated areas and that future remediation efforts are not negatively affected by the Proposed Action. Construction and operation in support of the Proposed Action should ensure that Resource Conservation and Recovery Act-regulated solid wastes generated are disposed of in accordance with federal regulations. The EPA recommends the use of secondary containment for storage and handling of Petroleum, Oils, and Lubricants (POL) to protect surface waters of Roane County and as required

by the Clean Water Act. Where secondary containment is not directly practicable, spill ponds and oil water separators should be constructed downstream of POL related activities.

**Wetlands and Streams:** The Proposed Action would be sited on industrially developed and forested lands with a wetland and creeks associated with the Clinch River. The EPA recommends that design proposals and construction avoid impacting Waters of the United States (WOTUS) to the maximum extent practicable by locating permanent infrastructure and temporary construction measures away from WOTUS and respective buffers. WOTUS should be delineated and coordination with the US Army Corps of Engineers should be made where proposed activities might enter or affect WOTUS. Mitigation may be required where impacts to WOTUS cannot be avoided. Flood zone and flood inundation maps should be used to help ensure proposed activities do not take place in floodplains except where alternatives are not practicable.

**Water Quality:** The Proposed Action would disturb a considerable amount of soil. A construction stormwater permit will be required before construction can begin. Airport operation will require an industrial permit under the National Pollution Discharge Elimination System. Best management practices should be implemented to mitigate impacts. Construction of rainwater runoff control structures designed to leave existing stormwater runoff profiles of the area unchanged may be required to mitigate the impacts of land development and construction of impervious surfaces, in accordance with Section 438 of the Energy Independence and Security Act of 2007.

**Biological Resources:** The EPA principally defers to the US Fish and Wildlife Service (FWS) regarding compliance with the Endangered Species Act and recommends early coordination with the FWS. The EPA recommends that conservation measures identified by the FWS be included in the Final EA and FONSI. The EPA understands that the runway, airport infrastructure, and Runway Safe Area (RSA) requirements associated with the Proposed Action may necessitate the permanent removal of forest. Forest planting and stream protection and renewal should take place in areas of temporary disturbance. The EPA defers to the Federal Aviation Administration regarding RSA requirements and recommends the maximum conservation of natural resources, where allowed by law and safety requirements.

**Environmental Justice:** Consistent with Executive Order 12898, Federal Actions to Address Environmental Justice (EJ) in Minority Populations and Low-Income Populations (<https://www.epa.gov/laws-regulations/summary-executive-order-12898-federal-actions-address-environmental-justice>), please ensure protected populations are not disproportionately or adversely impacted by the project. We also promote compliance with Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, if applicable. Please include the EJSCREEN tool (<https://www.epa.gov/ejscreen>) as part of the NEPA analysis process. EJSCREEN combines environmental and demographic data to help determine EJ concerns that are integral to the NEPA process.

**Noise Impacts:** The EA should identify aviation traffic patterns due to the Proposed Action and evaluate resulting noise impacts to the local community.

**Energy Efficiency and Recycling:** Efforts should be made to divert any recyclable materials such as concrete, steel, and asphalt away from landfills and repurpose materials instead. The EPA recommends the use of sustainable building practices that maximize energy and water conservation, and the use of renewable energy including solar power for supplemental electricity and lighting for the taxiway, parking lots, or buildings that may be constructed. Please consult appropriate federal agencies (<https://www.energy.gov/eere/femp/sustainable-federal-buildings>) for energy conservation requirements.

Thank you for the opportunity to provide comments on the City of Oak Ridge's proposed general aviation airport. For effective coordination, please provide this office with an electronic version of the draft EA for

further review and keep the local community informed and involved throughout the project process. If you have any questions, feel free to contact me at the information provided in my email.

V/R

Douglas White

U.S. Environmental Protection Agency

Region 4 Strategic Programs Office, NEPA Section

61 Forsyth Street, SW

Atlanta, GA 30303-8960

Office: 404-562-8586

[white.douglas@epa.gov](mailto:white.douglas@epa.gov)

**From:** [Bobby Brown](#)  
**To:** [Sarah Rowe](#)  
**Subject:** Re: Oak Ridge Airport T&E Species Review  
**Date:** Wednesday, August 25, 2021 12:08:43 PM

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**This message originated outside of S&ME. Please report this as phishing if it implies it is from an S&ME employee.**

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Sarah,

I apologize for just now responding to this project. There are several State listed *In Need of Management (D)* species within a close proximity to the proposed project site, the Southeastern Shrew - *Sorex longirostris*, Southern Bog Lemming - *Synaptomys cooperi*, Cinereus Shrew - *Sorex cinereus*, and Sharp-shinned Hawk - *Accipiter striatus*. Based on the information provided and a review of our databases, I feel there will be no negative impacts to these species or critical habitat, under our authority.

If you have any questions or comments concerning this, feel to contact me.

Thanks

Bobby Brown  
Region 3 Habitat Protection Biologist/ Dive Team DSO  
Environmental Services Division

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**From:** Sarah Rowe <srowe@smeinc.com>  
**Date:** Tuesday, August 24, 2021 at 3:47 PM  
**To:** Bobby Brown <Bobby.Brown@tn.gov>  
**Subject:** [EXTERNAL] RE: Oak Ridge Airport T&E Species Review

**\*\*\* This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. \*\*\***

Hi, Bobby – Our client has a meeting scheduled with the FAA and numerous consulting parties on Friday (August 27), and I believe your name was on the list as a potential attendee. Is there any chance you could provide me with your review of the proposed project and any potential impacts to state-listed animals prior to the meeting? I've received responses from USFWS and TDEC DNA but still need one from TWRA to include in the EA review.

Call me if you have any questions about the project.  
Thank you!

---

**Sarah A. Rowe, PWS, QHP**  
Project Scientist

Office: 865.970.0003  
Mobile: 865.804.5499



---

**From:** Sarah Rowe  
**Sent:** Monday, August 2, 2021 4:05 PM  
**To:** bobby.brown@tn.gov  
**Subject:** FW: Oak Ridge Airport T&E Species Review

Hi, Bobby – I'm just checking on the status of the TWRA review for the proposed Oak Ridge Airport project. I just received the attached letter from the Division of Natural Areas that lists you as the TWRA contact (instead of Della Sawyers, who I originally sent the report to). Please let me know if you have any questions or need additional information to provide comments on the project.

Thanks!

---

**Sarah A. Rowe, PWS, QHP**  
Project Scientist  
Office: 865.970.0003  
Mobile: 865.804.5499



---

**From:** Sarah Rowe  
**Sent:** Wednesday, May 26, 2021 9:42 AM  
**To:** [tfoprojectreview@fws.gov](mailto:tfoprojectreview@fws.gov); [della.sawyers@tn.gov](mailto:della.sawyers@tn.gov); Dillon Blankenship  
<[Dillon.Blankenship@tn.gov](mailto:Dillon.Blankenship@tn.gov)>  
**Cc:** Sykes, Robbie <[robbie\\_sykes@fws.gov](mailto:robbie_sykes@fws.gov)>  
**Subject:** Oak Ridge Airport T&E Species Review

Hi, Della, Dillon, and Robbie —I hope you're all doing well. Attached is a project review request for a proposed airport project in Oak Ridge, Roane County, TN. Dillon, I uploaded the report to the online portal, so you should have already received it. An Environmental Assessment (EA), FAA review, and 404 permitting will be required; therefore, we request your comments about potential impacts to

species resulting from the proposed project. Please let me know if you have any questions.

Thanks!

---

**Sarah A. Rowe, PWS, QHP**

Project Scientist



S&ME  
6515 Nightingale Lane  
Knoxville, Tennessee 37909  
O: 865.970.0003  
M: 865.804.5499  
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STATE OF TENNESSEE

**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Natural Areas  
Natural Heritage Program  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 2nd Floor  
Nashville, Tennessee 37243  
Phone 615/532-0431 Fax 615/532-0046

August 2, 2021

Sarah Rowe  
S&ME, Inc.  
6515 Nightingale Lane  
Knoxville, TN 37909

Subject: Oak Ridge Airport  
(35.93645, -84.37664)  
Roane County, TN  
Rare Species Database Review

Dear Ms. Rowe:

Thank you for your correspondence of 26 May 2021 requesting a rare species database review for the proposed 475-acre airport in Oak Ridge, Roane County, Tennessee.

Per your submittal:

*The City of Oak Ridge (the City) proposes to construct a new airport on approximately 475 acres of land northwest of the Oak Ridge Turnpike near the intersection with Blair Road in Oak Ridge, Roane County, Tennessee... Portions of the site were previously used for Department of Energy (DOE) operations for the K-25 uranium enrichment facility site, which the DOE has been working for more than 10 years to reclaim for industrial use. The proposed project is located in the area now known as the Heritage Center Industrial Park. The proposed airport will assist in the revitalization of the industrial park and the City anticipates that it will prove to be an economic generator bringing jobs and visitors from around the country to the region...*

*S&ME personnel visited the site in late March/early April 2021 to locate and delineate jurisdictional waters and potential T&E species concerns within the project area. The primary site-development area is bordered by Burchfield Road and the Poplar Creek Embayment to the southwest, Oak Ridge Turnpike to the south/southeast, forest to the north/northeast/northwest, and the K-25 Site footprint to the west. The surrounding area is primarily forest on all sides except for the north, which consists of the K-25 Site that is currently in the demolition, cleanup, and redevelopment stages. Eight small polygonal areas are also located to the southwest and northeast of the primary airport site. These areas will require tree clearing within the proposed runway protection zone; these areas are surrounded by mature forest.*

*Due to historical use of the site, the southwest third of the site is comprised of buildings, pavement, roads, utilities, stormwater ponds, and lawn. The remainder of the site consists of mature and successional forest transected by roads, cleared powerline easements, and church/cemetery grounds.*



Typical trees within the forest include various red and white oaks (*Quercus sp.*), maples (*Acer sp.*), hackberry (*Celtis occidentalis*), loblolly pine (*Pinus taeda*), hickory (*Carya sp.*), American beech (*Fagus grandifolia*), sweetgum (*Liquidambar styraciflua*), eastern red cedar (*Juniperus virginiana*), black cherry (*Prunus serotina*), redbud (*Cercis canadensis*), dogwood (*Cornus florida*), and elms (*Ulmus sp.*). Trees along the ponds and wetlands include sycamore (*Platanus occidentalis*), black willow (*Salix nigra*), and bald cypress (*Taxodium distichum*). Understory shrubs include tree saplings of the previously-mentioned species, privet (*Ligustrum sinense*), honeysuckle (*Lonicera maackii*), fire cherry (*Prunus pensylvanica*), spicebush (*Lindera benzoin*), coralberry (*Symphoricarpos orbiculatus*), and silky dogwood (*Cornus amomum*).

Multiple habitat types are located within the project area, including mature and successional deciduous and pine forest, grassland, riparian areas, wetlands, and ponds. Poplar Creek borders the site to the west but will not be impacted by the proposed project. The streams that may be impacted by the project consist of small drainages that are mostly intermittent, with a few low-flowing perennial streams also present.

We have reviewed the state's natural heritage database with regard to the project boundaries, and we find that the following rare species have been observed previously within one mile of the project area:

Type	Scientific Name	Common Name	Global Rank	St. Rank	Fed. Prot.	St. Prot.	Habitat
Vascular Plant	<i>Aureolaria patula</i>	Spreading False-foxglove	G3	S3	--	S	Oak Woods and Edges
Vascular Plant	<i>Delphinium exaltatum</i>	Tall Larkspur	G3	S2	--	E	Glades and Barrens
Vascular Plant	<i>Draba ramosissima</i>	Branching Whitlow-grass	G4	S2	--	S	Calcareous Bluffs
Vascular Plant	<i>Helianthus occidentalis</i>	Naked-stem Sunflower	G5	S2	--	S	Limestone Glades and Barrens
Vascular Plant	<i>Platanthera flava var. herbiola</i>	Tuberclad Rein-orchid	G4?T4Q	S2	--	T	Swamps and Floodplains
Vascular Plant	<i>Pseudognaphalium helleri</i>	Heller's Catfoot	G4G5	S2	--	S	Dry Sandy Woods
Vascular Plant	<i>Spiranthes lucida</i>	Shining Ladies'-tresses	G4	S1S2	--	T	Alluvial Woods and Moist Slopes
Invertebrate Animal	<i>Fusconaia cor</i>	Shiny Pigtoe	G1	S1	LE, XN	E	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.
Invertebrate Animal	<i>Fusconaia cuneolus</i>	Finerayed Pigtoe	G1	S1	LE, XN	E	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.

Type	Scientific Name	Common Name	Global Rank	St. Rank	Fed. Prot.	St. Prot.	Habitat
Invertebrate Animal	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	G2G3	S1S2	--	Rare, Not State Listed	Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.
Vertebrate Animal	<i>Aneides aeneus</i>	Green Salamander	G3G4	S3S4	--	Rare, Not State Listed	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.
Vertebrate Animal	<i>Chrosomus tennesseensis</i>	Tennessee Dace	G3	S3	--	D	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.
Vertebrate Animal	<i>Hemitremia flammea</i>	Flame Chub	G3	S3	--	D	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.
Vertebrate Animal	<i>Myotis grisescens</i>	Gray Myotis	G4	S2	LE	E	Cave obligate year-round; frequents forested areas; migratory.
Vertebrate Animal	<i>Synaptomys cooperi</i>	Southern Bog Lemming	G5	S4	--	D	Marshy meadows, wet balds, & rich upland forests.
Animal Assemblage	<i>Rookery</i>	Heron Rookery	G5	SNR	--	Rare, Not State Listed	

Within four miles of the project area the following additional rare species have been reported:

Type	Scientific Name	Common Name	Global Rank	St. Rank	Fed. Prot.	St. Prot.	Habitat
Vascular Plant	<i>Agalinis auriculata</i>	Earleaved False-foxglove	G3	S2	--	E	Barrens
Vascular Plant	<i>Bolboschoenus fluviatilis</i>	River Bulrush	G5	S1	--	S	Marshes
Vascular Plant	<i>Elodea nuttallii</i>	Nuttall's Waterweed	G5	S2	--	S	Aquatic; Streams and Ponds
Vascular Plant	<i>Juglans cinerea</i>	Butternut	G3	S3	--	T	Rich Woods and Hollows

Type	Scientific Name	Common Name	Global Rank	St. Rank	Fed. Prot.	St. Prot.	Habitat
Vascular Plant	<i>Juncus brachycephalus</i>	Small-headed Rush	G5	S2	--	S	Seeps and Wet Bluffs
Vascular Plant	<i>Liatris cylindracea</i>	Slender Blazing-star	G5	S2	--	T	Barrens
Vascular Plant	<i>Liparis loeselii</i>	Fen Orchis	G5	S1	--	T	Calcareous Seeps
Vascular Plant	<i>Oligoneuron album</i>	Prairie Goldenrod	G5	S1S2	--	E	Barrens
Invertebrate Animal	<i>Cambarus deweesae</i>	Valley Flame Crayfish	G4	S1	--	E	Primary burrower; open areas with high water tables; northern Ridge & Valley.
Invertebrate Animal	<i>Cumberlandia monodonta</i>	Spectaclecase	G3	S2S3	LE	E	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.
Invertebrate Animal	<i>Cyrogenia stegaria</i>	Fanshell	G1	S1	LE, XN	E	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.
Invertebrate Animal	<i>Io fluvialis</i>	Spiny Riversnail	G1G2	S2	--	Rare, Not State Listed	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.
Invertebrate Animal	<i>Lampsilis abrupta</i>	Pink Mucket	G1G2	S2	LE	E	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.
Invertebrate Animal	<i>Obovaria retusa</i>	Ring Pink	G1	S1	LE, XN	E	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.
Invertebrate Animal	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	G1	S1	LE, XN	E	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water;

Type	Scientific Name	Common Name	Global Rank	St. Rank	Fed. Prot.	St. Prot.	Habitat
							Cumberland & Tennessee river systems.
Invertebrate Animal	<i>Plethobasus cyphus</i>	Sheepnose	G3	S2S3	LE	E	Large to medium-sized rivers, in riffles and coarse sand/gravel subst; TN & Cumb river systems incl KY Reservoir; W Uplands & Rim.
Invertebrate Animal	<i>Theliderma cylindrica strigillata</i>	Rough Rabbitsfoot	G3G4T2	S2	LE	E	Small-medium sized rivers, in clear, shallow riffles with sand-gravel substrates; Tenn. & Cumb. river systems; upland form.
Vertebrate Animal	<i>Cryptobranchus alleganiensis</i>	Hellbender	G3	S3	No Status	E	Rocky, clear creeks and rivers with large shelter rocks.
Vertebrate Animal	<i>Hemidactylum scutatum</i>	Four-toed Salamander	G5	S3	--	D	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.
Vertebrate Animal	<i>Limnothlypis swainsonii</i>	Swainson's Warbler	G4	S3	--	D	Mature, rich, damp, deciduous floodplain and swamp forests.
Vertebrate Animal	<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	G5T5	S3	--	D	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.
Vertebrate Animal	<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S1B	--	E	Dry open pine or oak woods; nests on the ground in dense cover.
Vertebrate Animal	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pinesnake	G4T4	S3	--	T	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.
Vertebrate Animal	<i>Sorex dispar</i>	Long-tailed Shrew	G4	S2	--	D	Mountainous, forested areas with loose talus; east Tennessee.

The Division of Natural Areas - Natural Heritage Program has reviewed the location of the proposed project workspace with respect to rare plant species. Given the land area to be impacted by the project, the diversity of habitat types in the project area, and the proximity of documented occurrences of rare species, the project could impact rare, threatened, or endangered species. That said, with the exception of an observation of *Myotis grisescens* from Perimeter Road, none of the species reported in the 1- and 4- mile tables above have

been previously reported within the proposed project area. If biological surveys are conducted, we recommend looking for species found in the 1- and 4- mile tables we have provided where appropriate habitat is present.

Along with the rare species information Division of Natural Areas has provided, please note the northern extent of the proposed project area submitted to our office includes a portion of a conservation easement where the Tennessee Wildlife Resources Agency (TWRA) is the grantee from the U.S. Department of Energy. The easement is referred to as the Black Oak Ridge Conservation Easement or BORCE. As such, planners of the proposed project should consult with Tracey Boyers, legal counsel for TWRA ([Tracey.E.Boyers@tn.gov](mailto:Tracey.E.Boyers@tn.gov)).

We also ask that you coordinate this project with the Tennessee Wildlife Resources Agency (Region 3, Bobby Brown, 931-484-9571, [bobby.brown@tn.gov](mailto:bobby.brown@tn.gov)) to ensure that legal requirements for protection of state listed rare animals are addressed. Additionally, we ask that you contact the U.S. Fish and Wildlife Service Field Office, Cookeville, Tennessee (931-525-4970) for comments regarding federally listed species. Please ensure that best management practices to address erosion and sediment are implemented and maintained during construction activities. Note that the [General Aquatic Resource Alteration Permit](#) states that “use of monofilament-type erosion control netting or blanket is prohibited in the stream channel, stream banks, or any disturbed riparian areas within 30 feet of top of bank.” Where necessary and feasible, we encourage use of biodegradable netting under the CGP (Construction General Stormwater Permit) as well.

Thank you for considering Tennessee’s rare species throughout the planning of this project. Should you have any questions, please do not hesitate to contact me at 615-532-4799 or [dillon.blankenship@tn.gov](mailto:dillon.blankenship@tn.gov).

Sincerely,

*Dillon*

Dillon Blankenship | Environmental Review Coordinator  
Tennessee Natural Heritage Program

## Gary Brown

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**From:** Widner, Matt <mwidner@oakridgetn.gov>  
**Sent:** Thursday, July 29, 2021 9:48 AM  
**To:** Wesley Caputo  
**Subject:** RE: Proposed Oak Ridge Airport - Early Coordination

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

I am aware of the proposed airport project and am fully in support of its development. Just let me know what you need, and I will aid to the best of my ability/authority.

*Matt Widner*

City of Oak Ridge

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**From:** Wesley Caputo <wesley.caputo@gmcnetwork.com>  
**Sent:** Wednesday, July 28, 2021 12:27 PM  
**To:** Widner, Matt <mwidner@oakridgetn.gov>  
**Subject:** Proposed Oak Ridge Airport - Early Coordination

GMC is seeking comments from the City of Oak Ridge's floodplain administrator regarding the proposed Oak Ridge Airport for use in an Environmental Assessment pursuant to the National Environmental Policy Act. Please see attached.

**J. Wesley Caputo, PE, CFM**

Environmental

T: 615.333.7200

C: 205.821.9062

E: [wesley.caputo@gmcnetwork.com](mailto:wesley.caputo@gmcnetwork.com)

3310 West End Avenue

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Nashville, TN 37203

[Building Communities](#)

**GMC**

Electronic communications with officials and employees of the City are subject to Tennessee's Public Records Act.