



Appendix J

SR-66 Hazardous Materials Technical Memorandum

STATE ROUTE

From State Route 34 (US-11E, Andrew Johnson Highway) in Bulls Gap to
Near Speedwell Road/Old Highway 66, Hawkins County, Tennessee

PIN 107579.00, Federal Project #: STP-66(38)

Appendix J: SR-66 Hazardous Materials Technical Memorandum

April 2025

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List of Appendices

Appendix A: Phase I Preliminary Assessment Study (Dated May 2012)

Appendix B: Hazardous Materials Database Review (Dated October 2024)

*Please note that copies of the appendices listed above are available for download via the <https://tinyurl.com/SR-66Hawkins> or by scanning the QR code and have not been printed. If you would like to receive a printed version of the appendix material, please call 1-800-546-0949 or email at TDOT.Comments@tn.gov.



1. Introduction

The Tennessee Department of Transportation (TDOT), in cooperation with the Federal Highway Administration (FHWA), proposes to widen and realign State Route (SR) 66, from the intersection with SR-34 (US-11E, Andrew Johnson Highway) in the Town of Bulls Gap to near the intersection with Speedwell Road/Old Highway 66, in Hawkins County.

Because the proposed project involves the use of federal funds, the project is subject to the requirements of the [National Environmental Policy Act \(NEPA\)](#).¹ TDOT and FHWA are preparing an Environmental Assessment (EA) in accordance with the NEPA to identify and evaluate the environmental effects of the proposed project and to identify measures to minimize harm.

2. Alternatives Under Consideration

A No-Build Alternative and one Build Alternative are being evaluated in the EA. Each alternative is described in the subsequent text below.

2.1. No-Build Alternative

The No-Build Alternative has been retained for detailed study and serves as a benchmark for comparison against the Build Alternative. The No-Build Alternative would retain the existing state route and roadway configuration throughout the SR-66 project area except for those modifications to the roadway network that have been programmed and approved for implementation, as identified in [TDOT's 25-Year Long Range Transportation Policy Plan](#),² [State Transportation Improvement Program \(STIP\)](#),³ and the [TDOT 10-Year Project Plan](#)⁴ and would allow for routine maintenance and safety upgrades.

¹ <https://www.govinfo.gov/content/pkg/COMPS-10352/pdf/COMPS-10352.pdf>

² <https://www.tn.gov/tdot/long-range-planning-home/25-year-transportation-policy-plan.html>

³ <https://www.tn.gov/tdot/program-development-and-administration-home/program-development-and-administration-state-programs.html>

⁴ <https://www.tn.gov/tdot/build-with-us.html>

2.2. Build Alternative

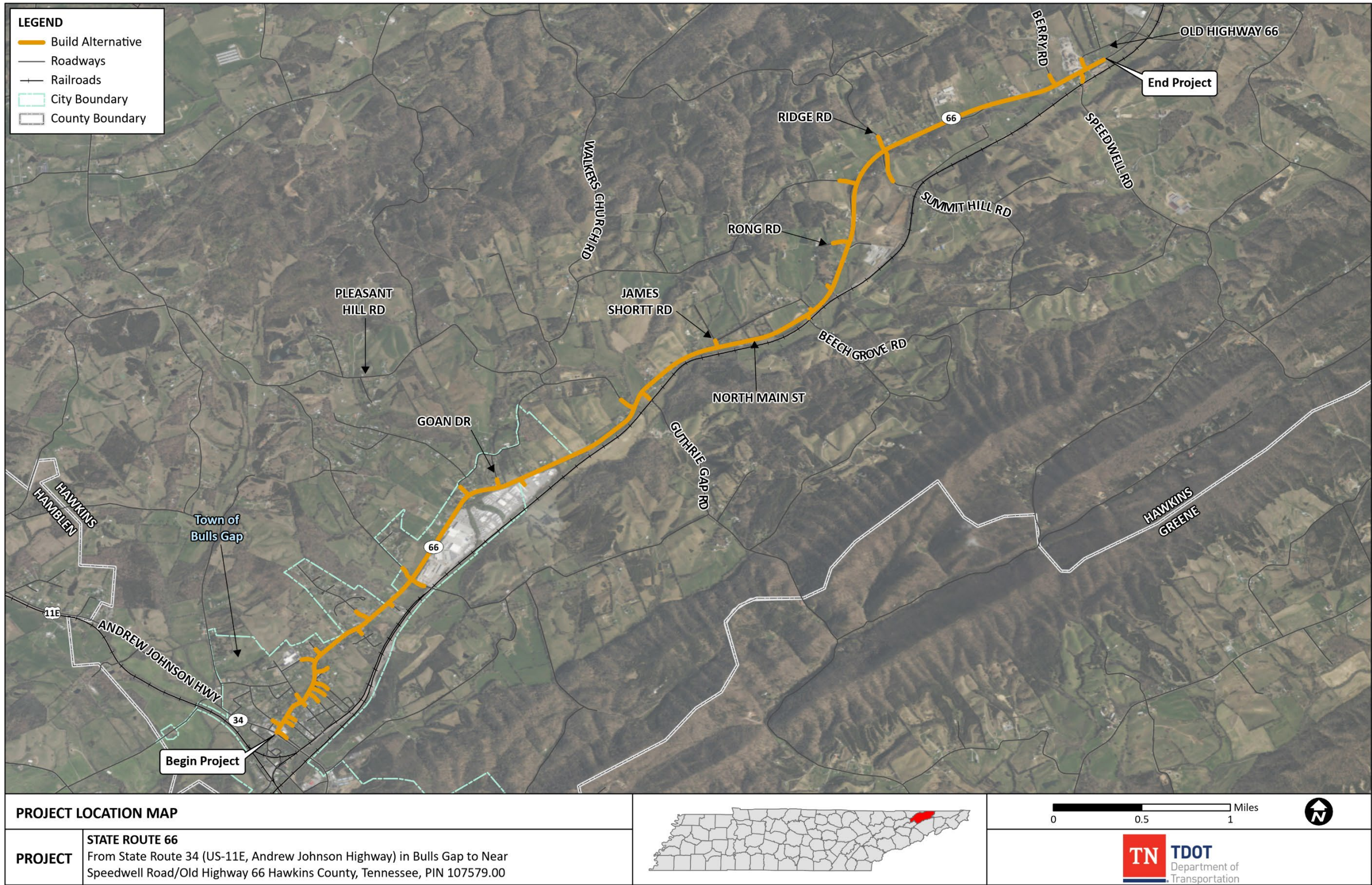
According to the Right-of-Way Plans (dated August 9, 2024),⁵ which serve as the basis of the EA, the Build Alternative would generally follow the existing SR-66 roadway alignment, except in locations where minor alignment shifts are needed to correct roadway geometric deficiencies. The Build Alternative would also widen the existing two-lane roadway configuration (which currently consists of one 10-foot-wide lane in each direction) to include the following (see **Figure 1**):

- Two 12-foot travel lanes (one travel lane in each direction) and paved shoulders four- to ten-feet in width.
- An intermittent 12-foot-wide two-way left-turn lane from SR-34 (US-11E, Andrew Johnson Highway) to north of Goan Drive and from north of Berry Road to near Speedwell Road/Old Highway 66.
- Five-foot wide sidewalks from SR-34 (US-11E, Andrew Johnson Highway) to north of Goan Drive.
- Intermittent curb and gutter.
- Guardrail, as required.

Once completed, the Build Alternative would provide a consistent typical section along SR-66 from SR-34 (US-11E, Andrew Johnson Highway) to the county seat of Rogersville, as well as provide a link from Rogersville to Interstate 81 (I-81). The total proposed project length is approximately 5.70 miles.

⁵ Please see **Appendix C** of the EA for a copy of the Right-of-Way Plans (dated August 9, 2024).

Figure 1: Project Location Map



3. Focus of this Technical Memorandum

Hazardous materials are substances that have, or would have when combined with other materials, a harmful effect on humans or the natural environment. Hazardous materials are primarily regulated under the [Federal Resource Conservation and Recovery Act \(RCRA\) of 1976](#),⁶ as amended; the [Comprehensive Environmental Response, Compensation, and Liability Act \(CERCLA\) of 1980](#),⁷ as amended; the [Superfund Amendments and Reauthorization Act \(SARA\) of 1986](#),⁸ and the [Tennessee Hazardous Waste Management Act of 1983](#),⁹ as amended.

This technical memorandum identifies potential hazardous material sites within the limits of the SR-66 project area and provides an estimated impact determination for both the No-Build and Build Alternatives.

4. Identification of Hazardous Material Sites

For the purpose of the SR-66 EA, two methods were utilized to review the Build Alternative for potential hazardous material sites. Initially, a Phase I Preliminary Assessment Study was prepared in May 2012 for the Build Alternative. Due to the passage of time since the preparation of the May 2012 Phase I Preliminary Assessment Study, an updated federal and state database search of potential hazardous material sites was completed in October 2024. The following online databases were reviewed:

- [Google Earth](#)¹⁰ (Reviewed on October 22, 2024)
- [U.S. Environmental Protection Agency \(EPA\) Superfund National Priorities List](#)¹¹ (Reviewed on October 22, 2024)
- [U.S. EPA EnviroMapper](#)¹² (Reviewed on October 22, 2024)
- [Tennessee Department of Environment and Conservation \(TDEC\) Registered Underground Storage Tanks \(UST\) Public Data Viewer](#)¹³ (Reviewed on October 22, 2024)
- [TDEC Division of Water Resources \(DWR\) Public Data Viewer](#)¹⁴ (Reviewed on October 22, 2024)

⁶ <https://www.epa.gov/laws-regulations/summary-resource-conservation-and-recovery-act>

⁷ <https://www.epa.gov/superfund/superfund-cercla-overview#:~:text=The%20Comprehensive%20Environmental%20Response%2C%20Compensation%2C%20and%20Liability%20Act%20of%201980,waste%20at%20these%20sites%3B%20and>

⁸ <https://www.epa.gov/superfund/superfund-amendments-and-reauthorization-act-sara>

⁹ <https://law.justia.com/codes/tennessee/2016/title-68/environmental-protection/chapter-212/part-2>

¹⁰ <https://earth.google.com/web/@36.27095327,-83.07484514,352.91120439a,13551.71761565d,35y,0h,0t,0r/data=CgRCAggBOgMKATBCAqgASqOI> ARAA

¹¹ <https://www.epa.gov/superfund/superfund-national-priorities-list-npl>

¹² <https://geopub.epa.gov/myem/efmap//index.html?ve=13,47.236778259277344,-122.35669708251953&pText=Fife,%20WA>

¹³ https://tdeconline.tn.gov/USTActiveInactive_public/

¹⁴ <https://www.tn.gov/environment/program-areas/wr-water-resources/water-quality/water-resources-data-map-viewers.html>

- [TDEC Division of Remediation Sites Public Data Viewer](#)¹⁵ (Reviewed on October 22, 2024)

4.1. Phase I Preliminary Assessment Study Findings

Initially, a Phase I Preliminary Assessment Study was prepared in May 2012 for the Build Alternative. The May 2012 Phase I Preliminary Assessment Study resulted in the identification of four sites with the potential to encounter hazardous materials (see **Table 1**). All four sites were noted as having a “low” potential for encountering hazardous materials.

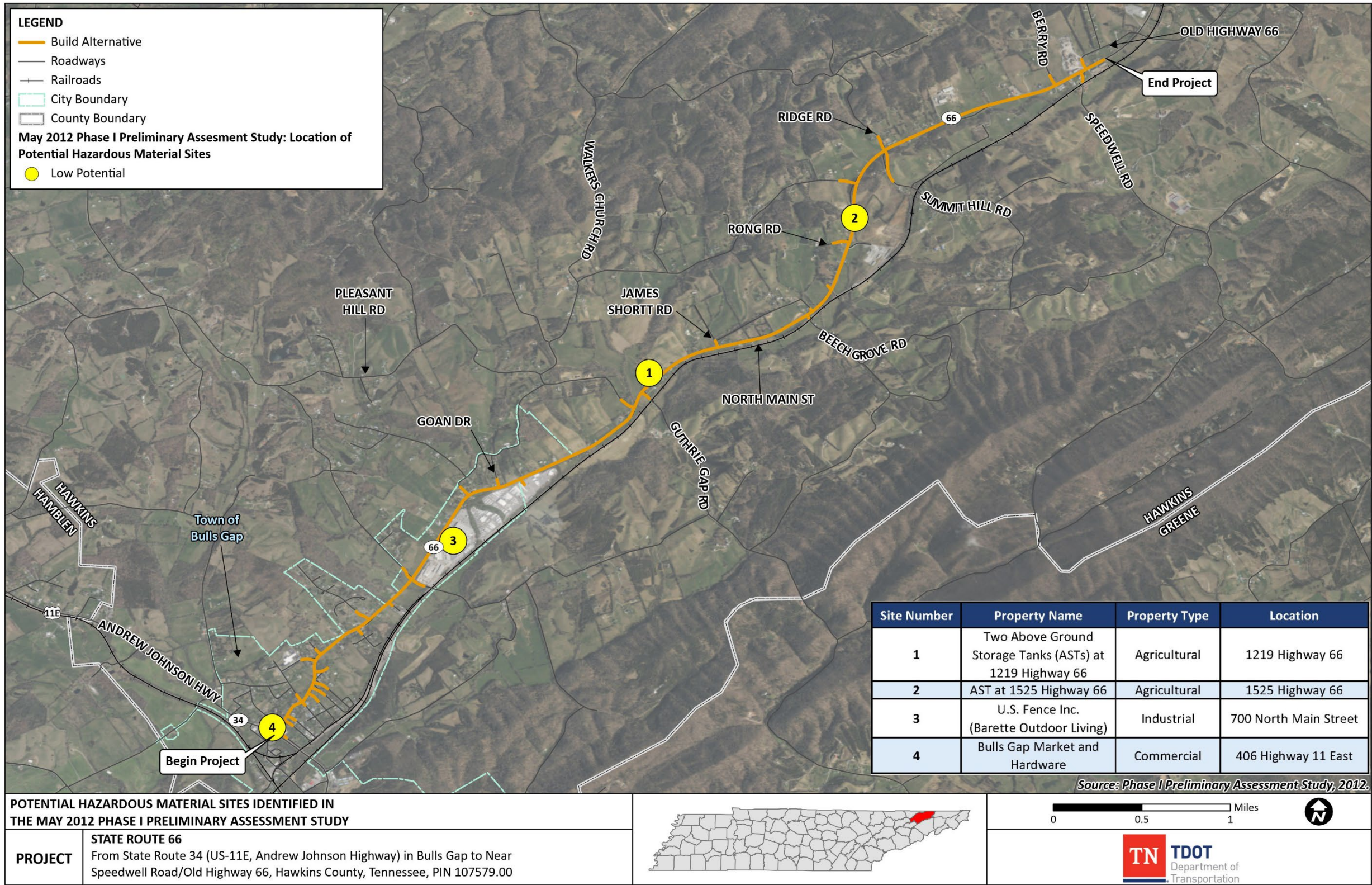
See **Figure 2** below for the specific locations of the identified potential hazardous material sites. See **Appendix A** for a copy of the May 2012 Phase I Preliminary Assessment Study.

Table 1: May 2012 Phase I Preliminary Assessment Study Findings

Site Number	Property Name	Property Type	Location	Potential to Encounter Hazardous Materials
1	Two Above Ground Storage Tanks (ASTs) at 1219 Highway 66	Agricultural	1219 Highway 66	Low
2	AST at 1525 Highway 66	Agricultural	1525 Highway 66	Low
3	U.S. Fence Inc. (Barette Outdoor Living)	Industrial	700 North Main Street	Low
4	Bulls Gap Market and Hardware	Commercial	406 Highway 11 East	Low
Source: Phase I Preliminary Assessment Study, May 2012.				

¹⁵ <https://www.tn.gov/environment/program-areas/rem-remediation/dor-site-viewers.html>

Figure 2: Potential Hazardous Material Sites Identified in the May 2012 Phase I Preliminary Assessment Study



4.2. October 2024 Hazardous Materials Database Review

Due to the passage of time since the preparation of the May 2012 Phase I Preliminary Assessment Study, an updated federal and state database search of potential hazardous material sites was completed in October 2024.

Based on the October 2024 Hazardous Materials Database Review, ten potential hazardous material sites were found within the limits of the Build Alternative.¹⁶ As indicated in **Table 2**, two of the ten potential hazardous materials sites identified in the October 2024 Hazardous Materials Database Review were previously identified in the May 2012 Preliminary Assessment Study. Additionally, the remaining two potential hazardous materials sites identified in the May 2012 Preliminary Assessment Study are above ground storage tanks (ASTs) and as such are not included with the results of the October 2024 Hazardous Materials Database Review since their location is not included in publicly accessible databases; however, for the purposes of this analysis the ASTs are still assumed to be in the SR-66 project area.

See **Figure 3** through **Figure 7** for maps depicting the October 2024 Hazardous Materials Database Review.¹⁷ Refer to **Appendix B** for documentation of the October 2024 Hazardous Materials Database Review.

¹⁶ Please note the October 2024 Hazardous Materials Database Review was limited to desktop research only. No field work efforts occurred, and no formal update to the May 2012 Phase I Preliminary Assessment Study was prepared.

¹⁷ No potential hazardous materials sites were identified in the vicinity of the Build Alternative as part of the review of the U.S. EPA Superfund National Priorities List. Therefore, a figure was not prepared for this review.

Table 2: October 2024 Hazardous Materials Database Review Findings¹⁸

Site Number	Permittee Name ¹⁹	Database Listing	Permit Type	Location	Notes
1	Barette Outdoor Living, Inc. (U.S. Fence Incorporated Treating Division)	U.S. Environmental Protection Agency (EPA) EnviroMapper	National Pollutant Discharge Elimination System (NPDES)	700 - 740 North Main Street	Previously identified in the May 2012 Phase I Preliminary Assessment Study as Site 3 (U.S. Fence Inc. (Barette Outdoor Living)). See Table 1 for more details.
			Resource Conservation and Recovery Act (RCRA) Information		
			Integrated Compliance Information System (ICIS) for Air		
			Toxics Release Inventory (TRI)		
		Tennessee Department of Environment and Conservation (TDEC) Division of Water Resources (DWR) Public Data Viewer – Water Resource Permits	Tennessee Multi Sector Permit (TMSP)		
		Google Earth	Not applicable		
2	Barrette Substation Site (Holston Electric Cooperative)	U.S. EPA EnviroMapper	NPDES	740 North Main Street	Newly identified as part of the October 2024 Hazardous Materials Database Review.
		TDEC DWR Public Data Viewer – Water Resource Permits	Construction General Permit (CGP)		
3	Bulls Gap Wastewater Collection System Improvement (Town of Bulls Gap)	U.S. EPA EnviroMapper	NPDES	North Main Street between Goan Drive and Meadowview Road	Newly identified as part of the October 2024 Hazardous Materials Database Review.
		TDEC DWR Public Data Viewer – Water Resource Permits	CGP		
			Aquatic Resource Alteration Permit (ARAP)		
4	Gas Processors, Inc. (Seminole Gas Co.)	U.S. EPA EnviroMapper	NPDES	1490 Highway 66 South	Newly identified as part of the October 2024 Hazardous Materials Database Review.
		Google Earth	Not applicable		
5	East Tennessee Iron and Metal	U.S. EPA EnviroMapper	NPDES	1925 Highway 66 South	Newly identified as part of the October 2024 Hazardous Materials Database Review.
		TDEC DWR Public Data Viewer – Water Resource Permits	TMSP		
		Google Earth	Not applicable		
6	Norfolk Southern Bulls Gap Derailment	TDEC Division of Remediation Sites Public Data Viewer	Not applicable	1490 Highway 66 South	Newly identified as part of the October 2024 Hazardous Materials Database Review.
7	Town of Bulls Gap	TDEC DWR Public Data Viewer – Water Resource Permits	Water Quality State Operating Permit (SOP)	208 North Main Street	Newly identified as part of the October 2024 Hazardous Materials Database Review.
8	Bulls Gap School	TDEC Registered Underground Storage Tanks (UST) Public Data Viewer	Not applicable	315 Allen Drive	Newly identified as part of the October 2024 Hazardous Materials Database Review.
9	11 and 66	TDEC Registered UST Public Data Viewer	Not applicable	The intersection of SR-34 (US-11E, Andrew Johnson Highway) and SR-66	Newly identified as part of the October 2024 Hazardous Materials Database Review.
10	Bulls Gap Market and Hardware	TDEC Registered UST Public Data Viewer	Not applicable	406 SR-34 (US-11E, Andrew Johnson Highway)	Previously identified in the May 2012 Phase I Preliminary Assessment Study as Site 4 (Bulls Gap Market and Hardware). See Table 1 for more details.
Source: U.S. EPA EnviroMapper (https://geopub.epa.gov/myem/efmap/index.html?ve=13,47.236778259277344,-122.35669708251953&pText=Fife,%20WA) - Reviewed on October 22, 2024. TDEC DWR Public Data Viewer – Water Resource Permits (https://www.tn.gov/environment/program-areas/wr-water-resources/water-quality/water-resources-data-map-viewers.html) - Reviewed on October 22, 2024. TDEC Division of Remediation Sites Public Data Viewer (https://www.tn.gov/environment/program-areas/rem-remediation/dor-site-viewers.html) - Reviewed on October 22, 2024. TDEC Registered UST Public Data Viewer (https://tdeconline.tn.gov/USTActiveInactive_public/) - Reviewed on October 22, 2024. Google Earth (https://earth.google.com/web/@36.27095327,-83.07484514,352.91120439a,13551.71761565d,35y,0h,0t,0r/data=CqRCAggBOqMKATBCAggASqOIAAA) - Reviewed on October 22, 2024.					

¹⁸ Two of the four potential hazardous materials sites that were identified in the May 2012 Phase I Preliminary Assessment Study are ASTs and as such are not included with the results of the October 2024 Hazardous Materials Database Review since their location is not included in publicly accessible databases; however, for the purposes of this analysis the ASTs are still assumed to be in the SR-66 project area.

¹⁹ Please note that sites that are listed across multiple databases are sometimes identified with different names; however, based on the address provided they appear to be associated with the same facility. In these instances, any secondary names for the sites were included in parentheses.

Figure 3: October 2024 Hazardous Materials Database Review: U.S. Environmental Protection Agency EnviroMapper Facilities

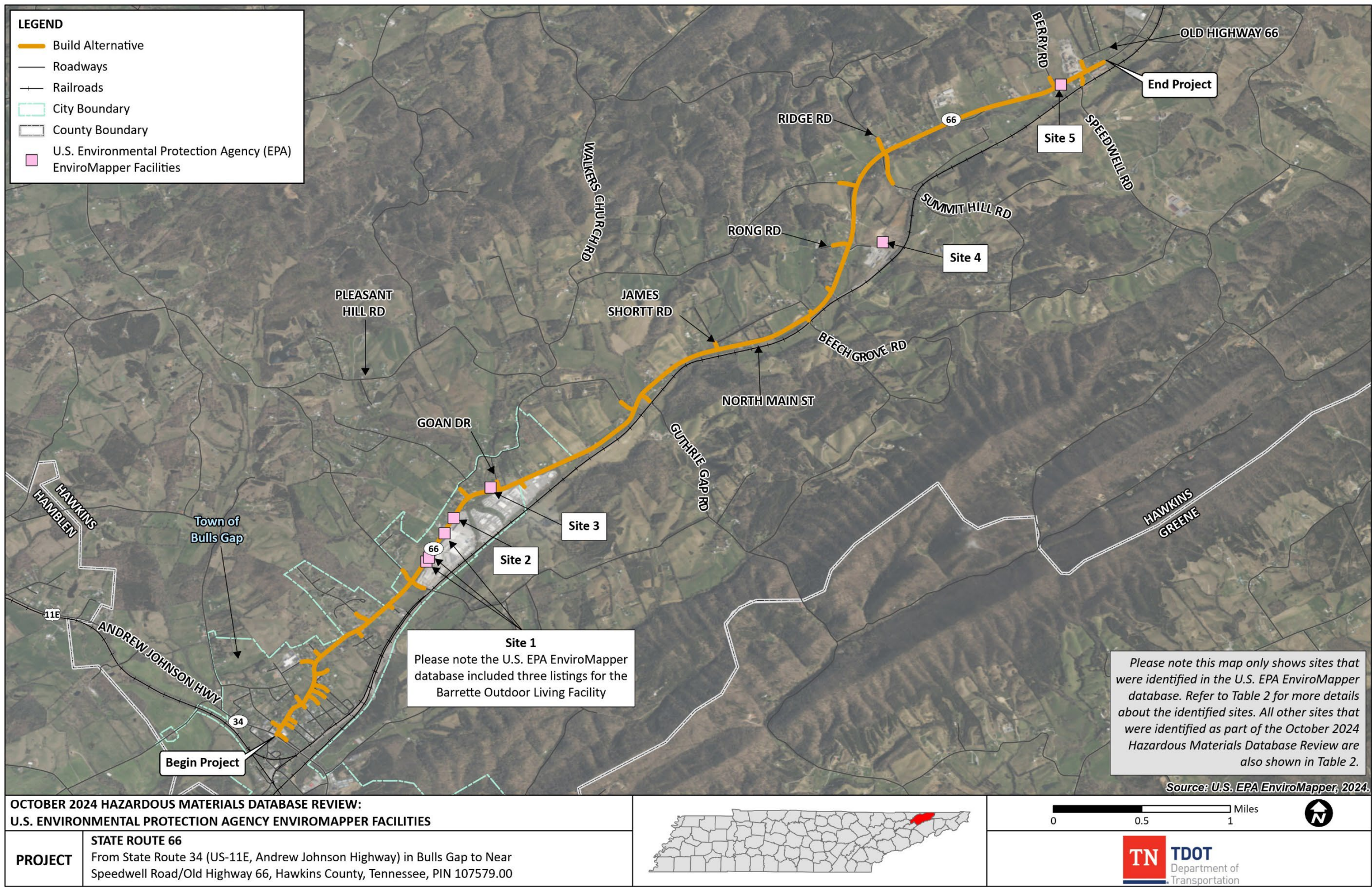


Figure 4: October 2024 Hazardous Materials Database Review: Tennessee Department of Environment and Conservation Registered Underground Storage Tanks Public Data Viewer

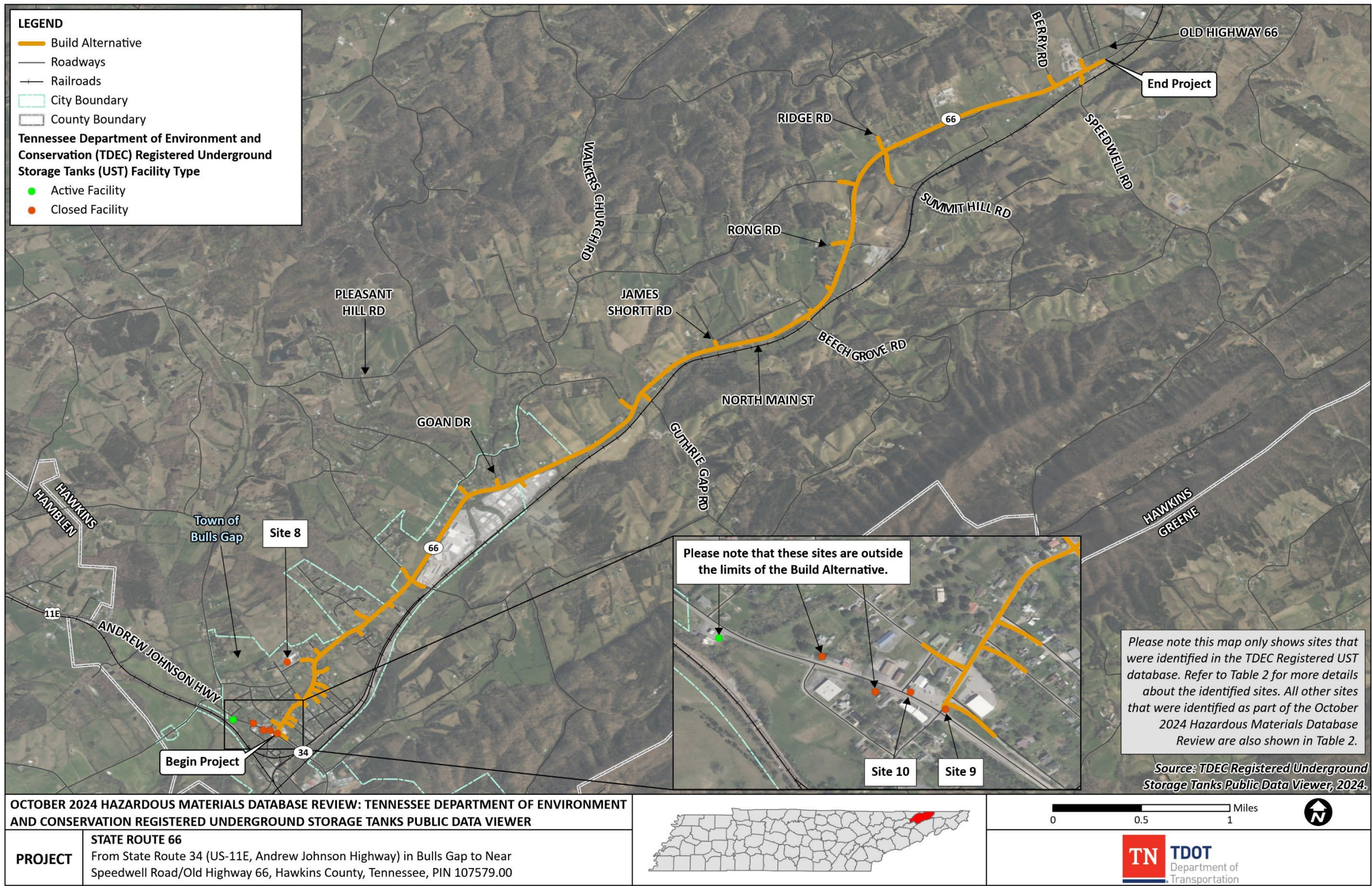


Figure 5: October 2024 Hazardous Materials Database Review: Tennessee Department of Environment and Conservation Division of Water Resources Public Data Viewer – Water Resource Permits

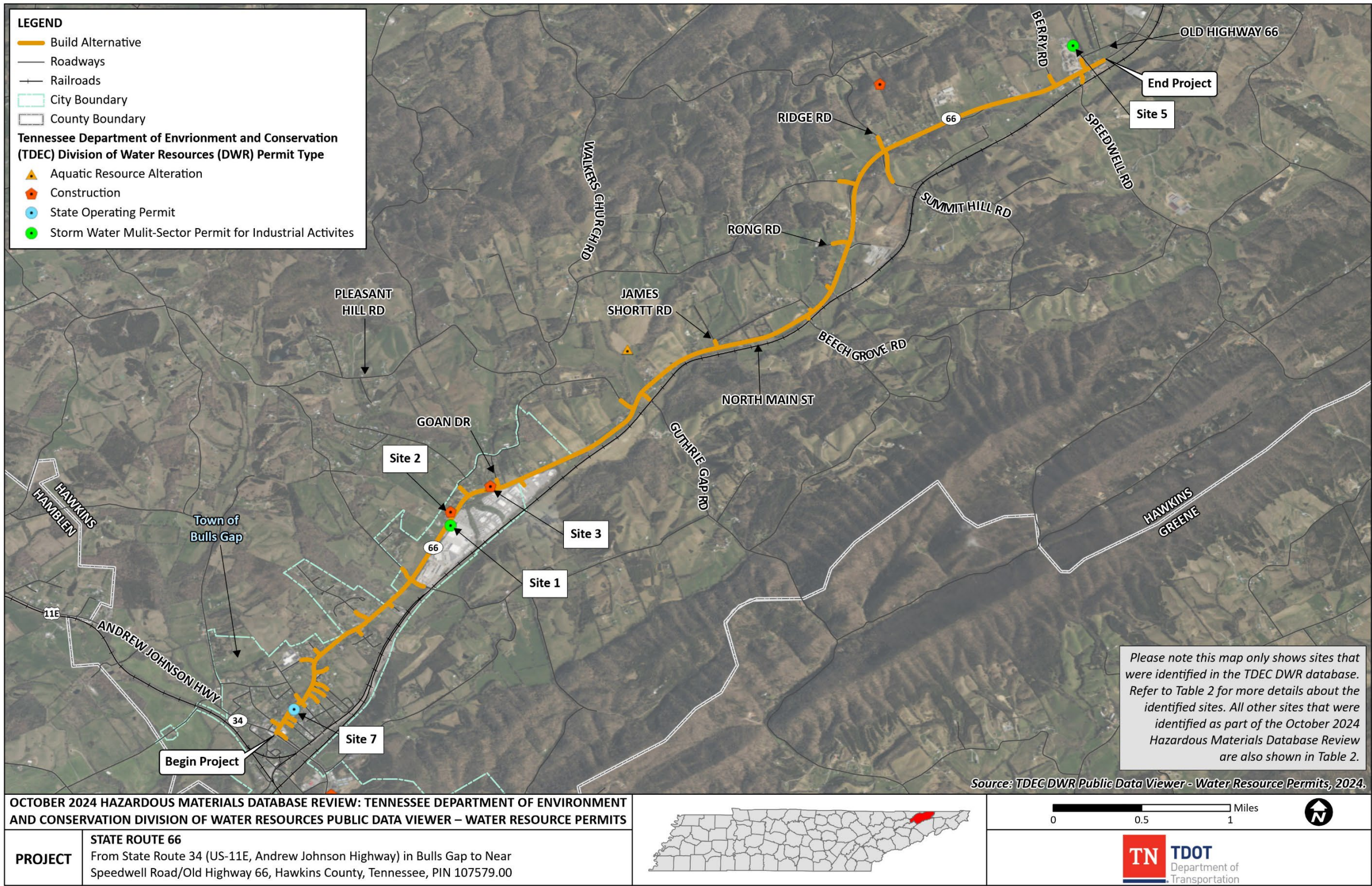


Figure 6: October 2024 Hazardous Materials Database Review: Tennessee Division of Environment and Conservation Division of Remediation Sites Public Data Viewer

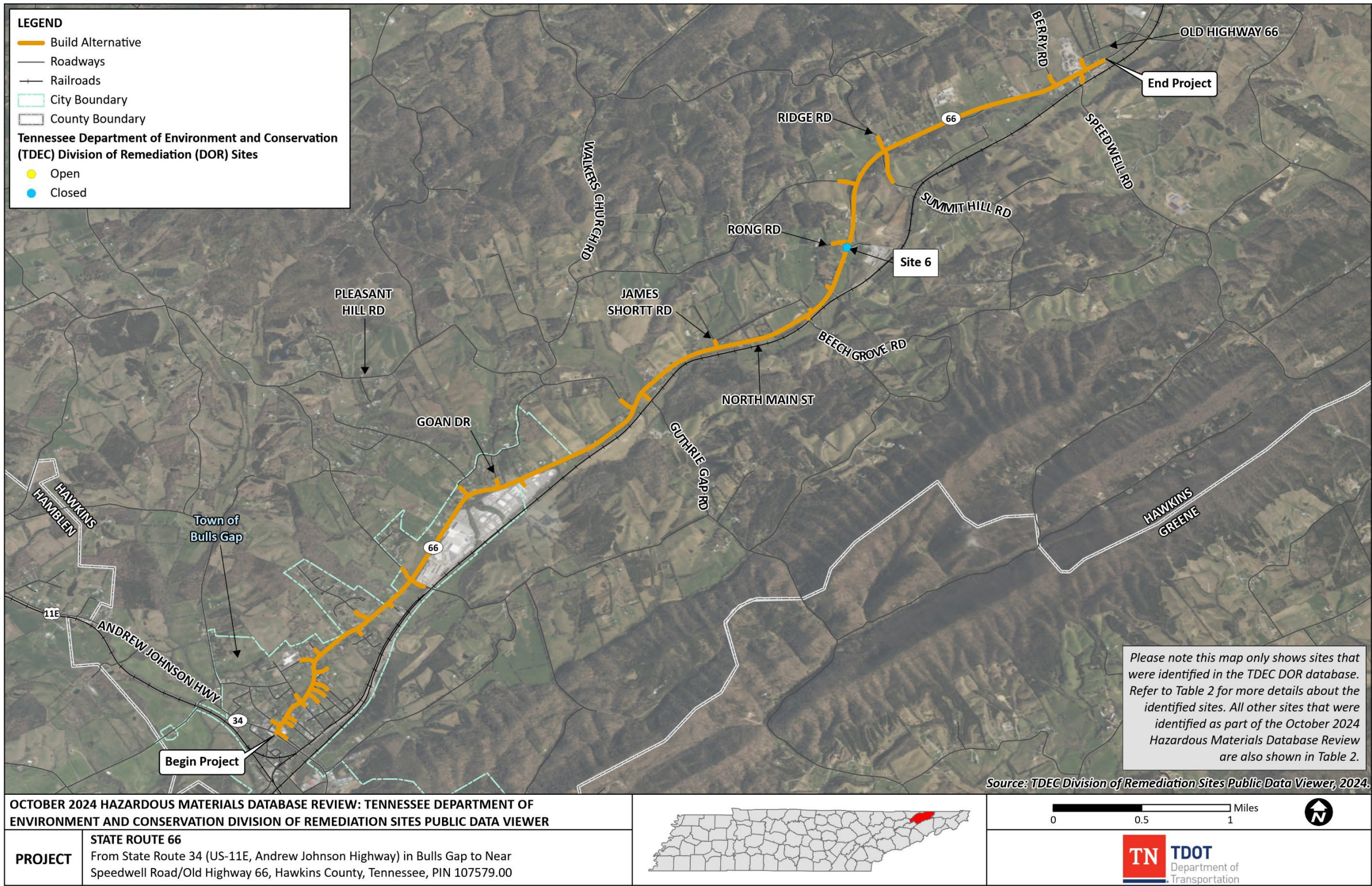
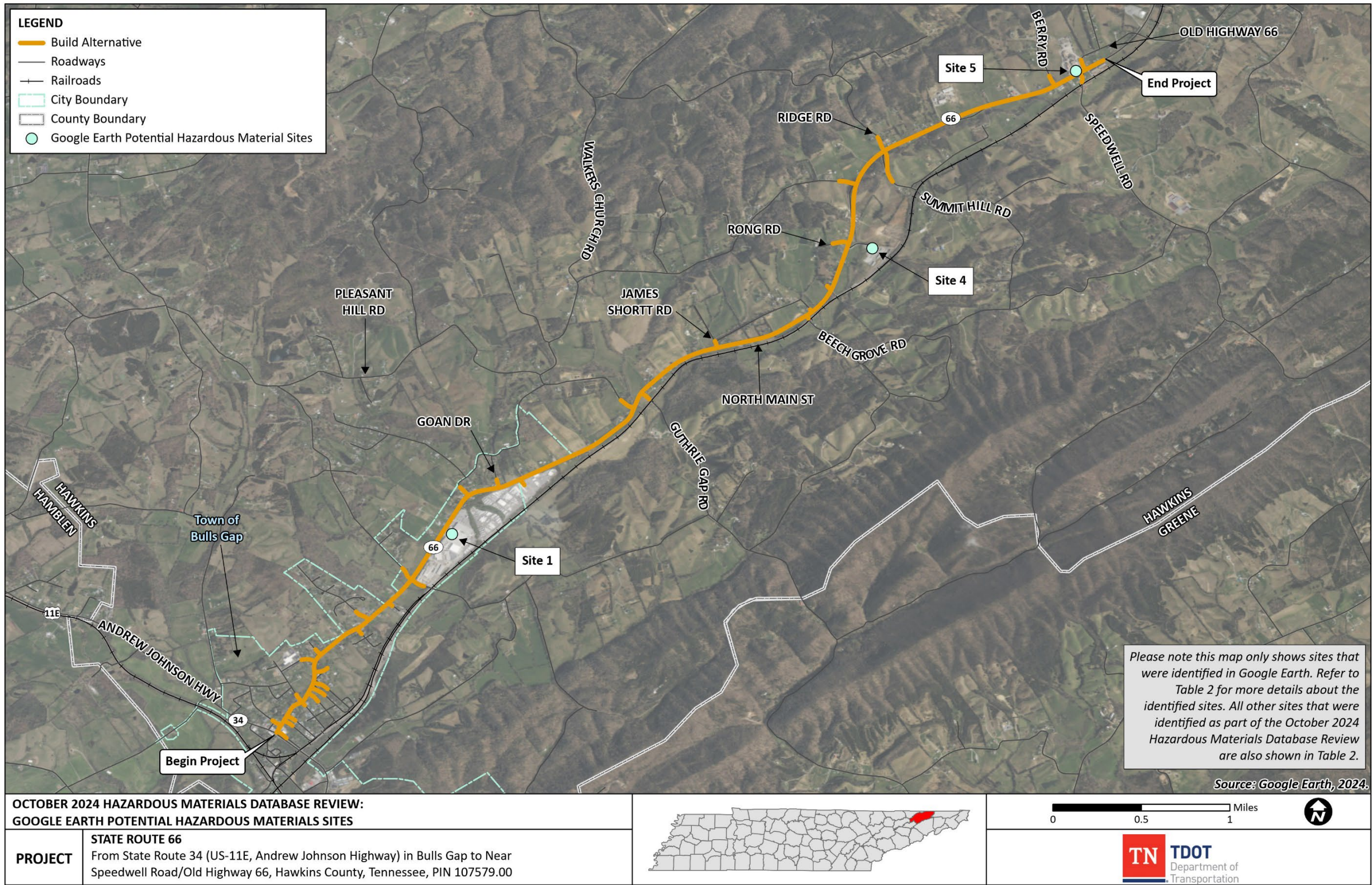


Figure 7: October 2024 Hazardous Materials Database Review: Google Earth Potential Hazardous Materials Sites



4.3. TDOT Hazardous Materials Section's Environmental Studies Request Response

An Environmental Studies Request (ESR) was submitted to TDOT's Hazardous Materials Section on September 11, 2024 for the Build Alternative (based on Right-of-Way Plans, dated August 9, 2024).²⁰ The TDOT Hazardous Materials Section provided the following response on October 1, 2024:

"Based on the Right of Way Field Review Plans dated 9 August 2024, no new hazardous materials sites have been identified and no additional hazardous material studies are recommended at this time. A Phase I Environmental Site Assessment [ESA]²¹ was completed in May 2012 and did not recommend any additional Phase II ESA investigations (several sites were listed as LOW potential to affect project) ... In the event hazardous materials or wastes are encountered within the right-of-way, notification shall be made per TDOT Standard Specifications for Road and Bridge Construction (January 1, 2021) Section 107.08.C. Disposition of hazardous materials or wastes shall be subject to all applicable regulations, including the applicable sections of the Federal Resource Conservation and Recovery Act, as amended, the Comprehensive Environmental Response, Compensation, and Liability Act, as amended; and the Tennessee Hazardous Waste Management Act of 1983, as amended. Databases reviewed include Google Earth imagery, EPA National Priorities List, EPA EnviroMapper (Envirofacts), TDEC Registered Underground Storage Tanks Public Data Viewer and Data and Reports, TDEC Division of Water Resources Public Data Viewer and Oil and Gas Wells database, TDEC Division of Remediation Sites Public Data Viewer, TDOT Integrated Bridge Information System, and others, as necessary."

Refer to **Attachment 1** for a copy of the TDOT Hazardous Materials Section's ESR response dated October 1, 2024.

4.4. Impacts to Hazardous Materials

4.4.1. No Build Alternative

The No-Build Alternative would not make changes to existing roadway network. Therefore, no direct impacts to any properties containing or potentially containing hazardous materials would occur.

4.4.2. Build Alternative

The May 2012 Phase I Preliminary Assessment Study identified four potential hazardous material sites within the limits of the Build Alternative. All four sites were noted as having a "low" potential for encountering hazardous materials.

²⁰ See **Appendix C** of the EA for a copy of the Right-of-Way Plans (dated August 9, 2024).

²¹ Please note that the TDOT Hazardous Materials Section's ESR response dated October 1, 2024 refers to a May 2012 Phase I Environmental Site Assessment. However, the report completed in May 2012 for the proposed project was actually a Preliminary Assessment Study, which is discussed in **Section 4.2** above.

The October 2024 Hazardous Materials Database Review was completed to document an updated federal and state database search of potential hazardous material sites. Based on the October 2024 Hazardous Materials Database Review, ten potential hazardous material sites were found within the limits of the Build Alternative.²² Two of the ten potential hazardous materials sites identified in the October 2024 Hazardous Materials Database Review were previously identified in the May 2012 Preliminary Assessment Study. Additionally, the remaining two potential hazardous materials sites identified in the May 2012 Preliminary Assessment Study are ASTs and as such are not included with the results of the October 2024 Hazardous Materials Database Review since their location is not included in publicly accessible databases; however, for the purposes of this analysis the ASTs are still assumed to be in the SR-66 project area.

4.5. Minimization/Mitigation Measures to Address Impacts

Avoidance or minimization, and no additional studies are recommended at this time. However, in the event hazardous substances/wastes are encountered within the right-of-way, their disposition shall be subject to all applicable regulations, including the applicable sections of the [Federal RCRA of 1976](#), as amended; the [CERCLA of 1980](#), as amended; the [SARA of 1986](#); and the [Tennessee Hazardous Waste Management Act of 1983](#), as amended.

²² Please note the October 2024 Hazardous Materials Database Review was limited to desktop research only. No field work efforts occurred, and no formal update to the May 2012 Phase I Preliminary Assessment Study was prepared.

Table 3: Potential Hazardous Materials Impacts

	No-Build Alternative	Build Alternative	
Impact Category	Effect Determination	Effect Determination	Minimization/Mitigation Measures to Address Impacts
Hazardous Materials	No Effect	<p>The May 2012 Phase I Preliminary Assessment Study identified four hazardous material sites within the limits of the Build Alternative. All four sites were noted as having a “low” potential for encountering hazardous materials.</p> <p>The October 2024 Hazardous Materials Database Review was completed to document an updated federal and state database search of potential hazardous material sites. Based on the October 2024 Hazardous Materials Database Review, ten potential hazardous material sites were found within the limits of the Build Alternative.²³ Two of the ten potential hazardous materials sites identified in the October 2024 Hazardous Materials Database Review were previously identified in the May 2012 Preliminary Assessment Study. Additionally, the remaining two potential hazardous materials sites identified in the May 2012 Preliminary Assessment Study are above ground storage tanks and as such are not included with the results of the October 2024 Hazardous Materials Database Review since their location is not included in publicly accessible databases; however, for the purposes of this analysis the aboveground storage tanks are still assumed to be in the SR-66 project area.</p>	<p>Avoidance or minimization, and no additional studies are recommended at this time. However, in the event hazardous substances/wastes are encountered within the right-of-way, their disposition shall be subject to all applicable regulations, including the applicable sections of the Federal Resource Conservation and Recovery Act of 1976,²⁴ as amended; the Comprehensive Environmental Response, Compensation, and Liability Act of 1980,²⁵ as amended; the Superfund Amendments and Reauthorization Act of 1986,²⁶ and the Tennessee Hazardous Waste Management Act of 1983,²⁷ as amended.</p>

²³ Please note the October 2024 Hazardous Materials Database Review was limited to desktop research only. No field work efforts occurred, and no formal update to the May 2012 Phase I Preliminary Assessment Study was prepared.

²⁴ <https://www.epa.gov/laws-regulations/summary-resource-conservation-and-recovery-act>

²⁵ <https://www.epa.gov/superfund/superfund-cercla-overview#:~:text=The%20Comprehensive%20Environmental%20Response%2C%20Compensation%2C%20and%20Liability%20Act%20of%201980,waste%20at%20these%20sites%3B%20and>

²⁶ <https://www.epa.gov/superfund/superfund-amendments-and-reauthorization-act-sara>

²⁷ <https://law.justia.com/codes/tennessee/2016/title-68/environmental-protection/chapter-212/part-2>



Attachment 1

TDOT Hazardous Materials Section's
Environmental Studies Request Response
(Dated October 1, 2024)

Environmental Studies

Hazardous Materials

Environmental Studies Request

Project Information

Route: State Route 66
Termini: From State Route 34 in Bulls Gap to North of Speedwell Road/Old Highway 66
County: Hawkins
PIN: 107579.00

Request

Request Type: Environmental Study Reevaluation
Project Plans: Right-of-Way
Date of Plans: 08/09/2024
Location: FTP
Link: <https://kimley-horn.securevdr.com/public/share/web-s1304e6f4b4b94d0f9bb3f3f6f6bdf6a7>

Certification

Requestor: Katie Evans
Title: Environmental Planner

Signature:

Katie Evans

Digitally signed by Katie
Evans
Date: 2024.09.11
17:02:15 -05'00'

Environmental Study

Technical Section

Section: Hazardous Materials

Study Results

Based on the Right of Way Field Review Plans dated 9 August 2024, no new hazardous materials sites have been identified and no additional hazardous material studies are recommended at this time. A Phase I Environmental Site Assessment was completed in May 2012 and did not recommend any additional Phase II ESA investigations (several sites were listed as LOW potential to affect project). The asbestos bridge surveys have been completed and the project commitments are shown on Sheet 1B of these plans. In the event hazardous materials or wastes are encountered within the right-of-way, notification shall be made per TDOT Standard Specifications for Road and Bridge Construction (January 1, 2021) Section 107.08.C. Disposition of hazardous materials or wastes shall be subject to all applicable regulations, including the applicable sections of the Federal Resource Conservation and Recovery Act, as amended, the Comprehensive Environmental Response, Compensation, and Liability Act, as amended; and the Tennessee Hazardous Waste Management Act of 1983, as amended. Databases reviewed include Google Earth imagery, EPA National Priorities List, EPA EnviroMapper (Envirofacts), TDEC Registered Underground Storage Tanks Public Data Viewer and Data and Reports, TDEC Division of Water Resources Public Data Viewer and Oil and Gas Wells database, TDEC Division of Remediation Sites Public Data Viewer, TDOT Integrated Bridge Information System, and others, as necessary.

Commitments

Did the study of this project result in any environmental commitments?

Yes

shown in these plans

Additional Information

Is there any additional information or material included with this study?

No

Certification

Responder: Kyle Kirschenmann

Title: Statewide Technical Specialist

Signature:



Digitally signed by Kyle Kirschenmann
Date: 2024.10.01 11:33:50 -04'00'



Appendix A

Phase I Preliminary Assessment Study
(Dated May 2012)

Phase I Preliminary Assessment Study

State Route 66 Widening and Realignment

Hawkins County, Tennessee

TDOT Project No. PE 37005-1237-14

TDOT PIN No. 107579.00

May 2, 2012

Terracon Project No. 18107072; Task 15



Prepared for:

Tennessee Department of Transportation
Nashville, Tennessee

Prepared by:

Terracon Consultants, Inc.
Nashville, Tennessee

Offices Nationwide
Employee-Owned

Established in 1965
terracon.com

Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

May 2, 2012



Tennessee Department of Transportation
505 Deadrick Street, Suite 900
JK Polk Building
Nashville, Tennessee 37243

Attn: Mr. Jim Ozment
P: [615] 253-2470
F: [615] 741-1098
Email: Ann.Epperson@tn.gov

Re: Phase I Preliminary Assessment Study
State Route 66 Widening and Realignment
From State Route-34 in Bulls Gap to South of Speedwell Road/Old Hwy 66
Hawkins County, Tennessee 37711
TDOT Project No. PE 37005-1237-14
TDOT PIN No. 107579.00
Terracon Project No. 18107072; Task 15

Dear Mr. Ozment:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Preliminary Assessment Study for the above-referenced site. This study was performed in accordance with our contract with TDOT and in accordance with the TDOT Scope of Work for Phase I Preliminary Assessment Studies.

We appreciate the opportunity to perform these services for you. Please contact us if you have questions regarding this information or if we can provide any other services.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in blue ink, reading "Joel Russell", is written over the printed name.

Joel T. Russell
Field Environmental Scientist

A handwritten signature in black ink, reading "James A. Duncan", is written over the printed name.

James A. Duncan, P.E.
Environmental Department Manager

Attachments

Terracon Consultants, Inc. 5217 Linbar Drive Nashville, TN 37211
P [615] 333 6444 F [615] 333 6443 terracon.com

Geotechnical



Environmental



Construction Materials



Facilities

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COMMON ACRONYMS ¹

ACM.....	Asbestos containing material
AST.....	Aboveground storage tank
ASTM.....	American Society for Testing and Materials
AUL.....	Activity and use limitation
BGS	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DOT	United States Department of Transportation
EPA.....	United States Environmental Protection Agency
HREC.....	Historical recognized environmental condition
LUST.....	Leaking underground storage tank
MCL	Maximum contaminant level
MSDS	Material safety data sheet
NGVD	National Geodetic Vertical Datum
NOV	Notice of violation
NPL.....	National Priority List
NRCS.....	USDA Natural Resource Conservation Service
OSHA.....	Occupational Safety and Health Administration
PCB	Poly-chlorinated biphenyl
RCRA.....	Resource Conservation and Recovery Act
REC	Recognized environmental condition
SPCC.....	Spill Prevention, Control and Countermeasure
SWPPP.....	Stormwater pollution prevention plan
TEPH	Total extractable petroleum hydrocarbons
TPH.....	Total petroleum hydrocarbons
TVPH	Total volatile petroleum hydrocarbons
TRI.....	Toxic release inventory
TSCA	Toxic Substances Control Act
USGS.....	United States Geological Survey
UST.....	Underground storage tank
VCP	Voluntary cleanup program
VOC	Volatile organic compound

Units of measure

sq ft or ft ²	square feet
mg/kg	milligrams per kilogram
mg/l.....	milligrams per liter
ug/l.....	micrograms per liter
ppb.....	parts per billion
ppm.....	parts per million

¹ An additional list of acronyms and definitions is included in Appendix B.

PHASE I PRELIMINARY ASSESSMENT STUDY
STATE ROUTE 66 WIDENING AND REALIGNMENT
FROM STATE ROUTE-34 IN BULLS GAP TO SOUTH OF SPEEDWELL
ROAD/OLD HWY 66
TDOT PROJECT NO. PE 37005-1237-14
TDOT PIN NO. 107579.00
HAWKINS COUNTY, TENNESSEE

Terracon Project No. 18107072; Task 15
Report Date: May 2, 2012

EXECUTIVE SUMMARY

This Phase I Preliminary Assessment Study (PAS) was performed in general accordance with the TDOT Environmental Procedures Manual, dated April 2007, our contract with TDOT, the TDOT Scope of Work for Phase I Preliminary Assessment Studies, and consistent with the procedures included in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The PAS was conducted under the supervision or responsible charge of James A. Duncan, P.E., environmental professional. Joel T. Russell performed the site reconnaissance on March 29, 2012.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The project is a widening and/or realignment of an approximate 5.3-mile section of State Route 66 through Hawkins County, Tennessee. The project will extend from State Route 34 in Bulls Gap to south of Speedwell Road/Old Hwy 66. The new roadway section will have an approximate 70-foot wide right-of-way. The site is comprised of approximately 45 acres, which is the approximate 70-foot right-of-way corridor of the 5.3-mile section. The purpose of this study was to identify recognized environmental conditions (RECs) within the site limits.
- Based on historical information reviewed as part of this assessment, State Route 66 has been present since at least 1956. The parcels surrounding the site appear to have historically been a predominant mix of sparse residences undeveloped lands with one manufacturing facility (Barrette Outdoor Living) and limited commercial development near the intersection of State Routes 34 and 66.

EXECUTIVE SUMMARY (cont.)

- A hazardous materials risk evaluation rating system was used to rate facilities that were identified as being potential RECs to the site. Four facilities within the project limits were identified as having the potential for contamination. The four facilities were rated as having a LOW potential to impact the planned project.
- Based on the authorized scope of services, no additional services (e.g., asbestos sampling, lead-based paint sampling, wetlands evaluation, radon testing, etc.) were conducted.

Based on the scope of services, limitations, and findings of this assessment, Terracon did not identify RECs which, in our opinion, warrant additional investigation at this time. However, the following items, while not considered RECs, were identified on the site and were deemed to be noteworthy:

- Pipeline markers indicating underground natural gas lines and sewers lines were observed at several locations on the site.
- Due to time constraints, Terracon did not research all parcels on the site for the presence of septic tanks/leach fields; however, based on the rural conditions of many of the parcels, septic tanks are presumed to be present at multiple locations.

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FROM STATE ROUTE-34 IN BULLS GAP TO SOUTH OF SPEEDWELL ROAD/OLD HWY 66
TDOT PROJECT NO. PE 37005-1237-14
TDOT PIN NO. 107579.00
HAWKINS COUNTY, TENNESSEE

Terracon Project No. 18107072; Task 15
Report Date: May 2, 2012

1.0 INTRODUCTION

1.1 Site Description

Site Description

Site Name	State Route 66 Widening and Realignment
Site Location/Address	From State Route 34 in Bulls Gap to south of Speedwell Road/Old Hwy 66, Hawkins County, Tennessee
Land Area	Approximately 45 acres (5.3 miles with an approximate 70-foot right-of-way)
Site Improvements	Existing road, driveways, residences, commercial businesses, outbuildings, utility lines and storage tanks.

The project is a realignment and/or widening of a 5.3-mile section of State Route 66 through Hawkins County, Tennessee. The project will extend from near Bulls Gap at State Route 34 to Otes. The new roadway section will have an approximate 70-foot wide right-of-way. The site is comprised of approximately 45 acres, which is the 70-foot right-of-way corridor of the 5.3-mile section. The purpose of this Phase I Preliminary Assessment Study (PAS) is to present the preliminary findings of a literature and file search and a field review of the potential for finding hazardous materials or petroleum contamination on parcels included in, or adjacent to the proposed project that may impact the construction of the proposed project. The site location is depicted on Figure 1a and 1b of Appendix A, which was reproduced from a portion of applicable USGS 7.5-minute series topographic maps. Site Diagrams of the site and adjoining properties are included as Figure 2 (sheets 3 through 15 and Sheet 1) of Appendix A. Acronyms and terms used in this report are described in Appendix B.

1.2 Scope of Services

This Phase I PAS was performed in general accordance with the Tennessee Department of Transportation (TDOT) Environmental Procedures Manual, dated April 2007, our contract with TDOT, the TDOT Scope of Work for Phase I Preliminary Assessment Studies, and consistent with the procedures included in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this PAS was

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to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, user-provided information, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are evident from reviewing the applicable scope of services and the report text. Per the agreed scope of services specified in the proposal, no additional services (e.g., asbestos sampling, lead-based paint sampling, wetlands evaluation, radon testing, etc.) were conducted.

1.3 Standard of Care

This PAS was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I PASs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this PAS. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No PAS can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

Based upon the agreed-on scope of services, this PAS did not include subsurface or other invasive assessments, business environmental risk evaluations, or other services not particularly identified and discussed herein. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this PAS was received from several sources that we believe to be

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reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This PAS was further limited by the following:

- Pertinent documents are referred in the text of this report, and a separate reference section has not been included.
- Credentials of the company (Statement of Qualifications) have not been included in this report, but are available upon request.
- Requests were submitted to local government agencies regarding documented environmental conditions on the site. Responses from one or more agencies were not received as of the issuance of this report. Lack of these responses does not pose a significant data gap.

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This Phase I PAS is prepared for the exclusive use and reliance of the TDOT. Use or reliance by any other party is prohibited without the written authorization of TDOT and Terracon.

Reliance on the PAS by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the PAS report and our contract with the Tennessee Department of Transportation. The limitation of liability defined in the MSA is the aggregate limit of Terracon's liability to the client and all relying parties.

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Continued viability of this report is subject to ASTM E 1527-05 Sections 4.6 and 4.8. If the PAS will be used by a different user (third party) than the user for whom the PAS was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-05.

1.6 Client Provided Information

The client did not provide specialized knowledge or information regarding the site. Based on other available information obtained during the course of this assessment, the lack of user information does not appear to be a significant data gap at this time.

1.6.1 Knowledge of Environmental Liens or Activity and Use Limitations (AULs)

Actual knowledge of any environmental liens or AULs encumbering the site or in connection with the site was requested from the client. This information has not been received as of the issuance date of the report, and unless notified otherwise, we assume the client is evaluating this information outside the context of this report.

1.6.2 Specialized Knowledge or Experience

Specialized knowledge or experience material to RECs in connection with the site was requested from the client. This information has not been received as of the issuance date of the report, and unless notified otherwise, we assume the client is evaluating this information outside the context of this report.

1.6.3 Significantly Lower Purchase Price

Actual knowledge of a significantly lower purchase price due to the presence of hazardous substances or petroleum products in connection with the site was requested from the client. This information has not been received as of the issuance date of the report, and unless notified otherwise, we assume the client is evaluating this information outside the context of this report.

1.6.4 Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonably ascertainable information within the local community about the site that is material to RECs in connection with the site was requested from the client. This information has not been received as of the issuance date of the report, and unless notified otherwise, we assume the client is evaluating this information outside the context of this report.

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1.6.5 Obvious Indicators

Information about any obvious indicators that point to the presence or likely presence of contamination at the site was requested from the client. This information has not been received as of the issuance date of the report, and unless notified otherwise, we assume the client is evaluating this information outside the context of this report.

1.6.6 Proceedings Involving the Site

Information about any proceedings involving the site was requested from the client. This information has not been received as of the issuance date of the report, and unless notified otherwise, we assume the client is evaluating this information outside the context of this report.

2.0 REGIONAL GEOLOGY/HYDROGEOLOGY

Geology/Hydrogeology		
<i>Formation</i>	Sevier Shale	Geologic Map of Tennessee, East Sheet, dated 1966
<i>Description</i>	Calcareous, bluish-gray, ribboned (silt and dolomite) limestone; numerous interbeds of dark-gray dolomite; quartz sandstone at base. Erosional unconformity at top. Thickness about 2,000-feet.	
<i>Primary Aquifer</i>	There are no defined aquifers in the carbonate bedrock that underlies Hawkins County. The primary pathways along which groundwater can migrate and accumulate include secondary features such as fractures and dissolution cavities within the predominately carbonate rock. The occurrence of water is typically restricted to fractures that have been enlarged by dissolution, and the quantity of water obtainable by a well is dependent upon the size and number of fractures encountered. Due to the intense faulting and folding of rocks in the region, the number of fractured can vary significantly from location to location. Domestic supplies are usually obtained from wells at depths of 50 feet or less in shale, and 100 feet or more in carbonate rock. Perched water may occur on top of the bedrock at the soil/bedrock interface. The depth to the soil/bedrock interface varies significantly in carbonate bedrock formations.	DeBuchananne, G. D. and Richardson, R.M., Ground-Water Resources of East Tennessee, Tennessee Division of Geology Bulletin 58, 1956
<i>*Hydrogeologic Gradient</i>	Not known - may be inferred to be parallel to topographic gradient (varies due to size of the site).	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

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3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources for indications of RECs. A summary of the historical review is included in Section 3.12. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps

Readily available historical USGS topographic maps were reviewed to identify land development in connection with the site. Reviewed historical topographic maps are summarized below:

- Bulls Gap, Tennessee, Quadrangle published 1962 (photorevised 1976), scale: 1" = 2,000"

The parcels surrounding the site are comprised of a mix of what appears to be sparse residences and undeveloped land with commercial structures possible near the Highway 34 and Highway 66 intersection. A compilation of topographic maps indicating the entire site are included as Figures 1a and 1b. Items of note indicated on these topographic maps include creeks and structures.

3.2 Historical Aerial Photographs

Selected historical aerial photographs from EDR were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information concerning the history of development on and near the site. Evaluation of these aerials may be limited by a photo's quality and scale. Selected photographs are summarized below:

- EDR, dated 1956
- EDR, dated 1986
- EDR, dated 1992

The site consists of State Route 66 with the planned new alignments consisting of predominantly undeveloped land and sparse residences. The parcels surrounding the site appear to have historically been comprised of a mix of what appears to be sparse residences, undeveloped lands with Barrette Outdoor Living evident by 1986.

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3.3 Historical City Directories

Based on the large size of the site, and the numerous addresses and parcels that are located within the site, it was not reasonably ascertainable to conduct a historical city directory search for the site.

3.4 Historical Fire Insurance Maps

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the site and adjoining properties. Based upon inquiries to EDR, Sanborn Maps for the site area were not available.

3.5 Property Tax File Information

Based on the large size of the site, and the numerous addresses and parcels that are located within the site, it was not reasonably ascertainable to conduct a property tax search for all the parcels that comprise the site. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.6 Title Search

At the direction of the client, a title search was not included in the scope of services for this assessment. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.7 Environmental Liens

Environmental lien records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.8 Historical Interviews

The following individuals were interviewed regarding historical use of the site.

Interviewees

Interviewer	Interviewee	Title	Date/Time
Joel Russell	Mr. James Harmon	Owner of the residence at 110 Harmon St.	March 29/13:00
Joel Russell	Mr. Wayne Lucas	Environmental Manager with Barrette Outdoor Living	April 17/14:00
Joel Russell	Mr. J. Allen	Owner of Tiger Towing at 1853 State Route 66	March 29/16:00

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Mr. James Harmon was interviewed at the site in person during our site reconnaissance. Mr. Harmon is the homeowner at 110 Harmon St. which is a parcel located at the intersection of the proposed site (State Route 66 Widening and Realignment) and the proposed Bulls Gap Bypass. Mr. Harmon stated that he has been a resident at this location since 1968. He indicated that the garage on his property is used to work on the vehicles stored in the automotive junkyard located on his property. Mr. Harmon was not aware of ASTs or USTs at his property. Mr. Harmon was not aware of petroleum product releases at his property beyond potential minor leaks associated with the vehicles store on the property.

Mr. Wayne Lucas was interviewed by telephone regarding the operations at the Barrette Outdoor Living facility. Barrette Outdoor Living borders the site to the south on Figure 2 sheets 5-7. Mr. Lucas has been employed at Barrette Outdoor Living for since 1990. Mr. Lucas indicated that two 500-gallon petroleum ASTs are located at the facility. Mr. Lucas indicated that the ASTs have a secondary containment and are over 200-feet from the proposed ROW. Mr. Lucas indicated that his facility has not had USTs used at their facility. Mr. Lucas indicated that all chemicals or potentially hazardous materials are kept indoors or at the rear of the facility buildings. Mr. Lucas indicated that in approximately 2001, a forklift punched a saddle tank on a truck and approximately 20-gallons of diesel fuel were released. Mr. Lucas indicated that the release occurred on asphalt. Mr. Lucas stated that most of the spilled fuel was captured into a secondary container and the remainder was recovered with spill recovery pads. Mr. Lucas indicated that the release occurred over 200-feet from the proposed ROW.

Mr. Allen was interviewed at the site in person during our site reconnaissance. Mr. Allen is the owner of Tiger Towing at 1853 State Route 66, which is a parcel partially located in the proposed ROW on Figure 2 Sheet 14. Mr. Allen stated that Tiger Towing has been in business since 1987. Mr. Allen stated that petroleum products stored at his facility are kept indoors and he was not aware of any spills or releases on his property. Mr. Allen stated that he was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability in connection with his business or property.

3.9 Prior Report Review

Previous environmental reports, permits and registrations, or geotechnical reports for the site were not provided by the client to Terracon for review.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Evaluating identified regulatory facilities for potential vapor intrusion conditions was outside the

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scope of this assessment. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up gradient, cross gradient and down gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Due to the length of the site (5.3 miles), the ASTM-required search distances from the approximate site boundaries were extended to one mile for all searches. Listed below are the facility listings identified on federal and state/tribal databases within one mile of the site. Database definition, descriptions, and the database search report are included in Appendix D.

Federal and State Databases

Database	Description	Radius (Miles)	Listings
	<u>Federal</u>		
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1.0	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	1.0	0
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	1.0	0
CERCLIS/NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	1.0	0
RCRA CORRACTS/TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1.0	0
RCRA Non-CORRACTS/TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	1.0	0

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Database	Description	Radius (Miles)	Listings
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	1.0	1
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.	1.0	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	1.0	1
	<u>State/Tribal</u>		
SHWS	State-equivalent and/or Tribal-equivalent database of NPL sites.	1.0	0
SWF / LF	State and/or Tribal database of solid waste facilities located within Tennessee. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	1.0	0
LUST	State and/or Tribal database of leaking underground storage tanks in state of Tennessee.	1.0	4
LUST TRUST	State and/or Tribal database of leaking underground storage tanks in state of Tennessee that had accidental petroleum releases.	1.0	1
UST	State and/or Tribal database of registered storage tanks in the State of Tennessee which may include the owner and location of the tanks.	1.0	2
HIST UST	State and/or Tribal database of historical registered storage tanks in the State of Tennessee which may include the owner and location of the tanks.	1.0	2
IC/EC	State and/or Tribal equivalent to the Federal IC / EC database list.	1.0	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	1.0	0
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	1.0	0

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In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

One facility was identified in the regulatory database report as being within the planned 250-foot wide right-of-way, and another seven facilities were identified within a one-mile radius of the site.

The following table summarizes the site-specific information provided by the database, and/or gathered by this office for identified facilities on the site, or within the one-mile radius of the site. Additional discussion for selected facilities follows the summary table.

Selected Listed Facilities

Facility Name and Location	Estimated Distance/Direction/Gradient	Database Listings
US Fence Incorporated Treating Division (Barrette Outdoor Living) 700 North Main Street	Approximately 20 feet / south / down-gradient	ERNs, RCRA-SQG
Bulls Gap Market and Hardware Highway 11 East	Approximately 120 feet / east / down-gradient	LUST, LUST TRUST, UST, HIST UST
By-Lo Market #2 515 Highway 11 East	Approximately 1,000 feet / west / down-gradient	LUST, UST, HIST UST
James & Hugh Goan 273 Hwy 11E	Approximately 1,000 feet / southeast / down-gradient	LUST
B&M Market & Deli 11-E Hwy	Approximately 4,000 feet / southeast / down-gradient	LUST

US Fence Incorporated Treating Division

This facility is listed by EDR on the ERNs and RCRA-Small Quantity Generator (SQG) databases, and was identified down-gradient and south of the site (Figure 2 Sheets 5-7) as Barrette Outdoor Living at the address provided by EDR at the time of our site reconnaissance. This facility was observed to be operating as a storage building and vinyl fence manufacturer at the time of our site visit. The SQG listing indicates the facility generates between 100 and 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time. The ERNs listing is associated with the release of approximately 20-gallons of diesel fuel from a truck saddle tank that was punctured by a forklift. Terracon interviewed the current environmental manager of the facility, Mr. Wayne Lucas. Mr. Lucas indicated that hazardous materials stored at the facility are stored indoors or at the rear of the facility buildings. Mr. Lucas also indicated that the diesel release occurred on asphalt over 200-feet from the proposed ROW and that the released fuel was recovered at the time of the spill. Mr. Lucas was not aware of a release near the proposed ROW. Visual observations from the proposed ROW during the site

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reconnaissance did not reveal evidences of hazardous material storage. Based on the distance and down-gradient location of potential hazardous materials from the proposed ROW, the information provided by EDR and Mr. Lucas, this facility does not appear to pose a REC to the site.

Bulls Gap Market & Hardware

This facility is listed by EDR on the UST, HIST UST, LUST, and LUST TRUST databases, and according to Margaret Greene with the Tennessee Division of Underground Storage Tanks (TDUST), the facility is located at the intersection of State Route 34 and State Route 66. At the time of our site visit, the facility appeared to be an inactive Sunoco gas station. The facility and the tank pit are located approximately 120 feet west and topographically down-gradient of the planned right-of-way boundary (see Figure 2, Sheet 3). According to the EDR report, four USTs installed at the facility in 1970 were removed in 1991. The USTs included a 550-gallon tank with unidentified contents, a 6,000-gallon gasoline tank and two 4,000-gallon gasoline tanks. The EDR report also indicated that three 4,000-gallon gasoline USTs were installed after the original USTs were removed in 1991. The three 4,000-gallon USTs are listed as temporarily out of use, and have reportedly been inactive since 2007. According to the EDR report a LUST case was opened after a release was discovered during removal of the original USTs. The current status of the LUST case is "case closed." Information obtained from the EDR report was verified by Ms. Greene with TDUST. Furthermore, Ms. Greene indicated that the USTs removed from the site were formerly located in the existing tank pit. Based on the distance and down-gradient location of this facility with respect to the planned ROW, and the current regulatory status of the facility, Bulls Gap Market and Hardware facility does not appear to constitute a REC to the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 53 facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities appeared to be present on the site at the time of our site reconnaissance. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

4.2.1 Health Department/Environmental Division

The Hawkins County Health Department (HCHD) was contacted by telephone regarding environmental records or information indicating environmental concerns for the site. At the issuance of this report, Terracon has not received a return phone call from the HCHD regarding the site.

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4.2.2 Fire Department

The Bulls Gap Volunteer Fire Department (BGVFD) was contacted by telephone regarding environmental records or information indicating environmental concerns for the site. At the issuance of this report, a response had not been received from the BGVFD.

4.2.3 Local/Regional Pollution Control Agency

See Section 4.2.1

4.2.4 Local/Regional Water Quality Agency

The TDEC Water Pollution Control Division was contacted by phone regarding environmental records for the site. According to Jeff Horton of the Water Pollution Control Division, TDEC is unaware of any significant surface or groundwater water quality issues on or near the site.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site. Figure 2 (sheets 3 through 15 and Sheet 1) in Appendix A depicts the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix E. Credentials of the individuals planning and conducting the site visit are included in Appendix F.

General Site Information

Site Reconnaissance	
<i>Field Personnel</i>	Joel Russell
<i>Reconnaissance Date</i>	March 29, 2012
<i>Weather Conditions</i>	Partly cloudy, approximately 65 degrees Fahrenheit
<i>Site Contact/Title</i>	Unaccompanied
Site Description	
<i>Site Name</i>	State Route 66 Widening and Realignment
<i>Site Location/Address</i>	From STATE ROUTE-34 in Bulls Gap to south of Speedwell Road/Old HWY 66, Hawkins County, Tennessee
<i>Land Area</i>	Approximately 45 Acres (5.3 miles with an approximate 70-foot right-of-way)

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<i>Site Improvements</i>	Existing road, driveways, residences, commercial businesses, outbuildings, utility lines and aboveground storage tanks.
<i>Zoning</i>	Varies
<i>Site Topographic Relief</i>	Varies due to the large size of the site
Site Utilities	
<i>Electricity</i>	Holston Electric
<i>Drinking Water</i>	Russellville/Whitesburg Utility District
<i>Wastewater</i>	City Bulls Gap
<i>Natural Gas</i>	Hawkins County Gas Utility

5.2 General Description of Site, Occupants and Operations

The project is a widening and/or realignment of an approximate 5.3-mile section of State Route 66 through Hawkins County, Tennessee. The project will extend from State Route 34 in Bulls Gap to south of Speedwell Road/Old Hwy 66. The new roadway section will have an approximate 70-foot wide right-of-way. The site is comprised of approximately 45 acres, which is the approximate 70-foot right-of-way corridor of the 5.3-mile section. There are multiple property owners, and the uses of the properties include residential, commercial, industrial and undeveloped.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	

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	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	X
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	X
	Oil/water separators	
	Pipeline markers	X
	Interior floor drains	
Electrical Transformers/ PCBs	Pad or pole mounted transformers and/or capacitors	X
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	X
	Quarries or pits	
	Wells	X

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Aboveground Chemical or Waste Storage

Aboveground storage tanks

Two approximate 100-gallon ASTs were observed in the proposed right-of-way adjacent to an equipment shed behind the residence at 1219 Hwy 66 (Figure 2, Sheet 9). According to John Arnott (property owner), the ASTs store diesel and are used to refuel farm equipment. Mr. Arnott was not aware of a release from the ASTs. Surface staining or unusual odors were not evident. Based on visual observations, these ASTs do not appear to constitute a REC at this time.

An approximate 500-gallon AST was observed in the proposed ROW on the east side of the existing STATE ROUTE 66 at the time of the site reconnaissance (Figure 2, Sheet 12). The AST was located near two barns and vacant pasture land, and is likely used to refuel farm equipment. Staining was not observed beneath the AST at the time of the site reconnaissance. Based on visual observations, the AST does not appear to constitute a REC to the site.

Underground Chemical or Waste Storage, Drainage or Collection Systems

Septic tanks and/or leach fields

Due to time constraints, Terracon did not research all parcels on the site for the presence of septic tanks/leach fields; however, based on the rural conditions of many of the parcels, septic tanks are presumed to be present at multiple locations.

Pipeline markers

Pipeline markers indicating underground natural gas lines and sewer manholes were observed at several locations on the site. While the presence of underground pipelines is not necessarily a REC, their presence will need to be addressed prior to construction activities.

Electrical Transformers/ PCBs

Pad or pole mounted transformers and/or capacitors

During Terracon's site visit, numerous pole-mounted transformers, owned and serviced by Holston Electric Company, were observed on the site; however, information with regard to PCB content of the transformer fluids was not observed. Transformers contain mineral oil which may contain minor amounts of PCB and could be considered "PCB contaminated" (PCB content of 50-499 ppm).

Holston Electric Company maintains responsibility for the transformers, and if the transformers are "PCB contaminated," utility companies are not required to replace the transformer fluids until a release is identified. However, no evidence of current or prior release was observed in the vicinity of the electrical equipment during the site reconnaissance; therefore, the transformers do not constitute a REC.

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Releases or Potential Releases

Trash, debris and/or other waste materials

Junked automobiles were observed on the site at Harmon Street (Figure 2, Sheet 5). Significant surface staining was not observed at these locations; therefore, the junked automobiles do not appear to constitute a REC.

Other Notable Site Features

Surface Water Bodies

Multiple small streams were observed crossing beneath the existing STATE ROUTE 66 within the proposed ROW. No evidence of chemical sheens was observed on the surface of the waters and no noxious odors were observed emanating from within the streams at the time of the site reconnaissance.

Wells

A well house was observed in the proposed ROW behind a residence on the north side of the existing State Route 66 (Figure 2, Sheet 14). The well does not pose a REC to the site; however, it should be confirmed that the well is closed and properly abandoned. If it is not properly closed, it should be abandoned and backfilled in accordance with local, state and federal regulations.

6.0 PROJECT IMPACTS

6.1 Site Rankings

A hazardous materials rating system was used to rate the facilities that were identified as being RECs to the site. The ratings include: NO, LOW, MEDIUM and HIGH, and are generally defined as follows:

NO: A review of all available information finds there is nothing to indicate that the facility is a REC to the site. It is possible that contaminants were handled on the property; however, based on a review of available information, the facility does not appear to constitute a REC to the site.

LOW: The former or current facility has a hazardous waste generator identification number, or deals with hazardous materials; however, based on all available information, there is no reason to believe that there would be any involvement with contamination in relation to the site. This is the lowest possible rating a gasoline station operating within current regulations can receive. Some facilities designated with a LOW rating should be reevaluated during the design phase.

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MEDIUM: After a review of all available information, indications are found (visual observations, reports, violation notices, consent orders, etc.) that identify known soil and/or groundwater contamination and that the problem does not need remediation, is currently being remediated, or that continued monitoring is required. The complete details of remediation requirements are important to determine what the TDOT must do if the property were to be acquired. A recommendation should be made on each property falling into this category to its acceptability for use within the proposed project, what actions might be required if the property is acquired, and the possible alternatives if there is a need to avoid the property.

HIGH: After a review of all available information, there is a potential for contamination problems. Further assessment will be required after alignment selection to determine the actual presence and/or levels of contamination and the need for remedial action. A recommendation must be included for what further assessment is required. Conducting the actual Contamination Assessment is not expected to begin until alignment is defined; however, circumstances may require additional screening assessments (i.e., collecting soil or water samples for laboratory analysis necessary to determine the presence and/or levels of contaminants) to begin earlier. Properties previously used as gasoline station and which have not been evaluated or assessed would probably receive this rating.

6.2 Potential Contamination Sites

Four facilities were identified and evaluated for potential hazardous materials and petroleum involvement. Two of the facilities were identified in the EDR regulatory report (previously discussed in Section 4.1) and are numbered as Sites 3 and 4. Two additional facilities were identified based on visual observations. The facilities are listed and described in the table below, and are also indicated on Figure 2 (sheets 3 through 15 and Sheet 1). Additional discussion regarding the facilities listed below is provided after the table.

Potential Contamination Sites

Site No.	Site Name, Location, and Identification Numbers	Tax Map No., Parcel ID, Deed Book No./Page No./Owner	Databases	Storage Tank(s) Currently In Service	Potential Contaminant Parameters	Proposed Alignment		
						Right-of-way Required for Expansion	Distance from Proposed Right-of-way	Risk Evaluation Rating
1	2 ASTs at 1219 Hwy 66	Tax Map 158; Parcel ID 94.0; Deed Book 137/Page No. 136 - John Arnott	Not Listed	Yes, 2 existing ASTs	2 existing ASTs.	Yes	In the right-of-way	LOW

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2	AST at 1525 Hwy 66	Tax Map 153; Parcel ID 99.0; Deed Book 922/Page No. 416 - Louise Howard	Not listed	Yes, one existing AST	1 existing AST.	Yes	In the right-of-way	LOW
3	US Fence Inc. (Barrette Outdoor Living)	Tax Map 158; Parcel ID 35.01 – US Fence Inc.	Not listed	Yes, AST & pipelines	Stained soil	No	Approx. 25" east (Alt. A & B)	LOW
4	Bulls Gap Market and Hardware, 1370014	Tax Map 161G; Parcel ID 18.0, Deed Book 349/Page No 545 - Management Properties Inc.	Not listed	Yes, 3 ASTs	Stained soil	Yes (Alt. A & B)	In the right-of-way	LOW

Site No. 1 – 2 ASTs at 1219 Hwy 66

These ASTs were observed in the proposed ROW during the site reconnaissance (Figure 2, Sheet 9) According to John Arnott (property owner), the ASTs store diesel and are used to refuel farm equipment. Mr. Arnott was not aware of a release from the ASTs. Surface staining or unusual odors were not evident. Based on visual observations and interview information, this facility was assigned a risk rating of LOW.

Site No. 2 – AST at 1525 Hwy 66

An approximate 500-gallon AST was observed in the proposed ROW on the east side of the existing STATE ROUTE 66 at the time of the site reconnaissance (Figure 2, Sheet 12). The AST was located near two barns and vacant pasture land, and is likely used to refuel farm equipment. Staining was not observed beneath the AST at the time of the site reconnaissance. Based on visual observations, this facility was assigned a risk rating of LOW.

Site No. 3 – US Fence Inc. (Barrette Outdoor Living)

This facility is listed by EDR on the ERNs and RCRA-Small Quantity Generator (SQG) databases, and was identified down-gradient and south of the site (Figure 2 Sheets 5-7) as Barrette Outdoor Living at the address provided by EDR at the time of our site reconnaissance. This facility was observed to be operating as a storage building and vinyl fence manufacturer at the time of our site visit. The SQG listing indicates the facility generates between 100 and 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

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hazardous waste at any time, or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time. The ERNs listing is associated with the release of approximately 20-gallons of diesel fuel from a truck saddle tank that was punctured by a forklift. Terracon interviewed the current environmental manager of the facility, Mr. Wayne Lucas. Mr. Lucas indicated that any hazardous materials stored at the facility are stored indoors or at the rear of the facility buildings. Mr. Lucas also indicated that the diesel release occurred on asphalt over 200-feet from the proposed ROW and that the released fuel was recovered at the time of the spill. Mr. Lucas was not aware of a release near the proposed ROW. Visual observations from the proposed ROW during the site reconnaissance did not reveal evidences of hazardous material storage. Based on the distance and down-gradient location of potential hazardous materials from the proposed ROW, the information provided by EDR and Mr. Lucas, this facility was assigned a risk rating of LOW.

Site No. 4 – Bulls Gap Market and Hardware (#1370014)

This facility is listed by EDR on the UST, HIST UST, LUST, and LUST TRUST databases, and according to Margaret Greene with the Tennessee Division of Underground Storage Tanks (TDUST), the facility is located at the intersection of State Route 34 and State Route 66. At the time of our site visit, the facility appeared to be an inactive Sunoco gas station. The facility and the tank pit are located approximately 120 feet west and topographically down-gradient of the planned right-of-way boundary (see Figure 2, Sheet 3). According to the EDR report, four USTs installed at the facility in 1970 were removed in 1991. The USTs included a 550-gallon tank with unidentified contents, a 6,000-gallon gasoline tank and two 4,000-gallon gasoline tanks. The EDR report also indicated that three 4,000-gallon gasoline USTs were installed after the original USTs were removed in 1991. The three 4,000-gallon USTs are listed as temporarily out of use, and have reportedly been inactive since 2007. According to the EDR report a LUST case was opened after a release was discovered during removal of the original USTs. The current status of the LUST case is “case closed.” Information obtained from the EDR report was verified by Ms. Greene with TDUST. Furthermore, Ms. Greene indicated that the USTs removed from the site were formerly located in the existing tank pit. Based on the distance and down-gradient location of this facility with respect to the site, and the current regulatory status of the facility, Bulls Gap Market and Hardware facility was assigned a risk rating of LOW.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, no additional services (e.g., asbestos sampling, lead-based paint sampling, wetlands evaluation, radon testing, vapor intrusion, etc.) were conducted.

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8.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

8.1 Findings

This Phase I Preliminary Assessment Study (PAS) was performed in general accordance with the TDOT Environmental Procedures Manual, dated April 2007, our contract with TDOT, the TDOT Scope of Work for Phase I Preliminary Assessment Studies, and consistent with the procedures included in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The PAS was conducted under the supervision or responsible charge of James A. Duncan, P.E., environmental professional. Joel T. Russell performed the site reconnaissance on March 29, 2012.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The project is a widening and/or realignment of an approximate 5.3-mile section of State Route 66 through Hawkins County, Tennessee. The project will extend from State Route 34 in Bulls Gap to south of Speedwell Road/Old Hwy 66. The new roadway section will have an approximate 70-foot wide right-of-way. The site is comprised of approximately 45 acres, which is the approximate 70-foot right-of-way corridor of the 5.3-mile section. The purpose of this study was to identify recognized environmental conditions (RECs) within the site limits.
- Based on historical information reviewed as part of this assessment, State Route 66 has been present since at least 1956. The parcels surrounding the site appear to have historically been a predominant mix of sparse residences undeveloped lands with one manufacturing facility (Barrette Outdoor Living) and limited commercial development near the intersection of State Routes 34 and 66.
- A hazardous materials risk evaluation rating system was used to rate facilities that were identified as being potential RECs to the site. Four facilities within the project limits were identified as having the potential for contamination. The four facilities were rated as having a LOW potential to impact the planned project.
- Based on the authorized scope of services, no additional services (e.g., asbestos sampling, lead-based paint sampling, wetlands evaluation, radon testing, etc.) were conducted.

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Based on the scope of services, limitations, and findings of this assessment, Terracon did not identify RECs which, in our opinion, warrant additional investigation at this time. However, the following items, while not considered RECs, were identified on the site and were deemed to be noteworthy:

- Pipeline markers indicating underground natural gas lines and sewers lines were observed at several locations on the site.
- Due to time constraints, Terracon did not research all parcels on the site for the presence of septic tanks/leach fields; however, based on the rural conditions of many of the parcels, septic tanks are presumed to be present at multiple locations.

8.2 Conclusions and Recommendations

Based on the scope of services, limitations, and findings of this assessment, Terracon did not identify RECs which, in our opinion, warrant additional investigation at this time. However, the following items, while not considered RECs, were identified on the site and were deemed to be noteworthy:

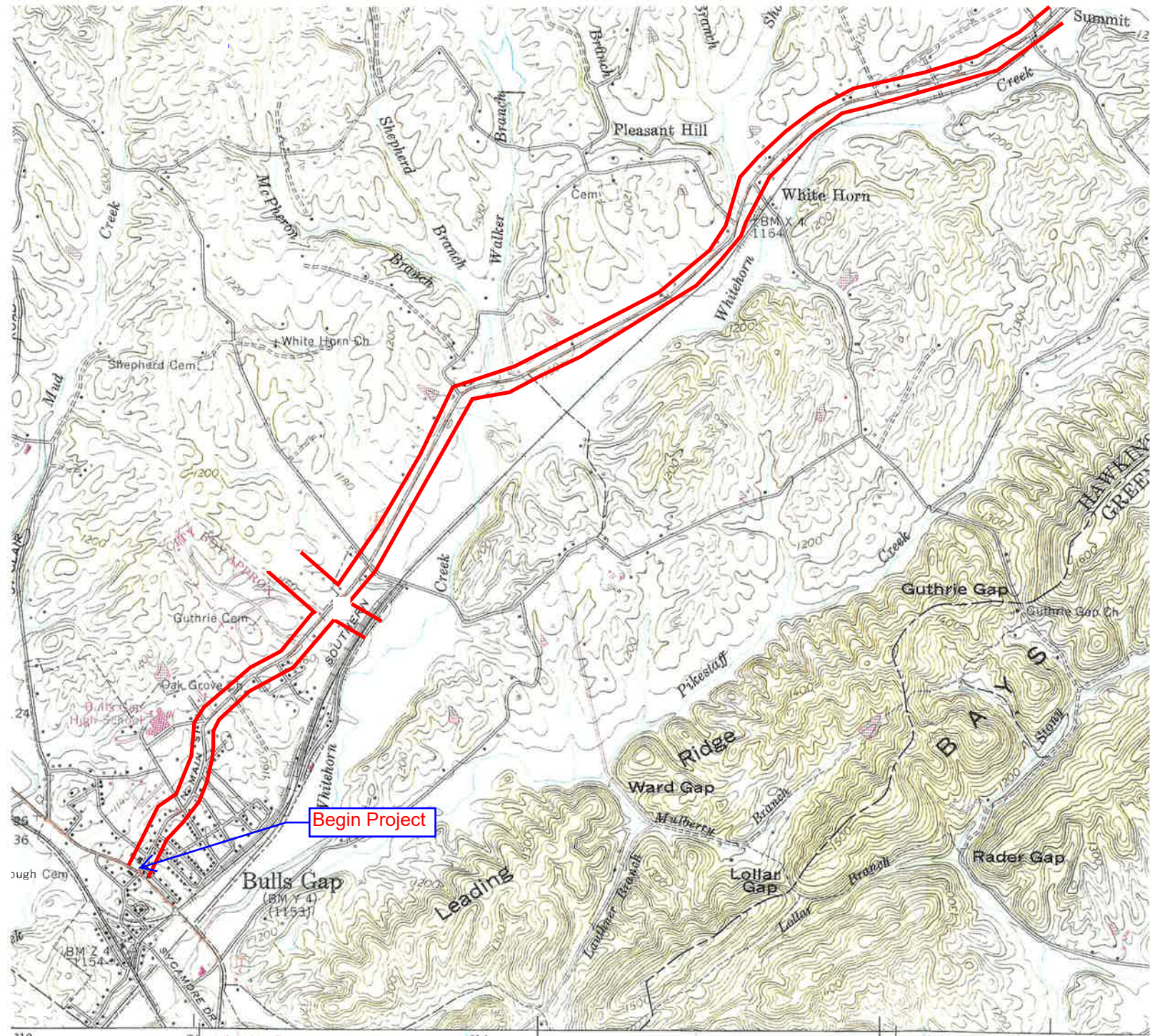
- Pipeline markers indicating underground natural gas lines and sewers lines were observed at several locations on the site.
- Due to time constraints, Terracon did not research all parcels on the site for the presence of septic tanks/leach fields; however, based on the rural conditions of many of the parcels, septic tanks are presumed to be present at multiple locations.

9.0 DECLARATION

I, James A. Duncan, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practice set forth in 40 CFR Part 312.

APPENDIX A

Figure 1a and Figure 1b – Topographic Map, Figure 2 (sheets 3-15 and Sheet 1)



SOURCE: Source: USGS 7.5-minute topographic quadrangle Bulls Gap, Tennessee

1962 (photorevised 1976)



NORTH

FIGURE 1a
Topographic Map

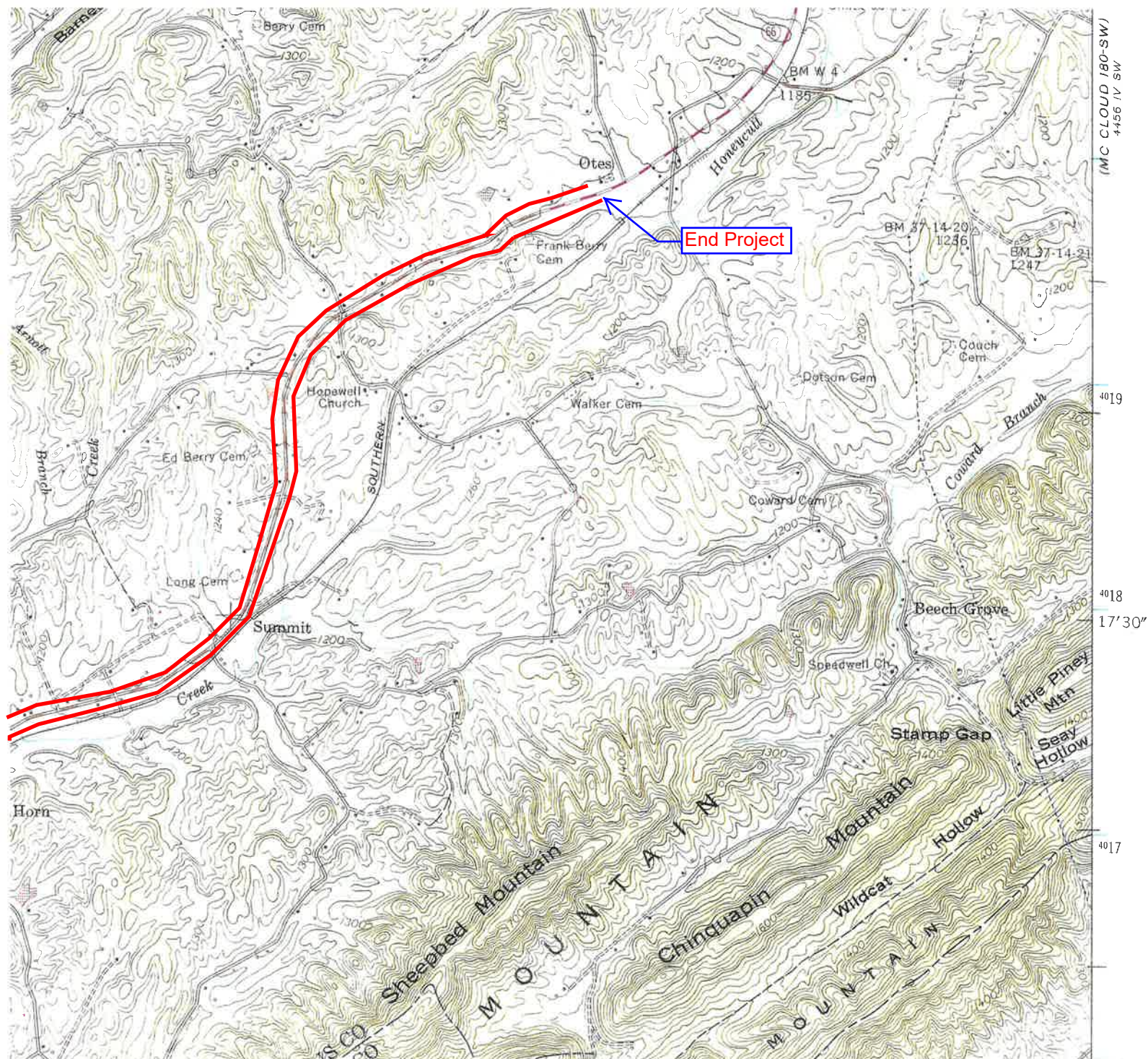
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Hawkins County, Tennessee

PROJECT NO. 18107072, Task 15



SOURCE: Source: USGS 7.5-minute topographic quadrangle Bulls Gap, Tennessee

1962 (photorevised 1976)



NORTH

FIGURE 1b
Topographic Map

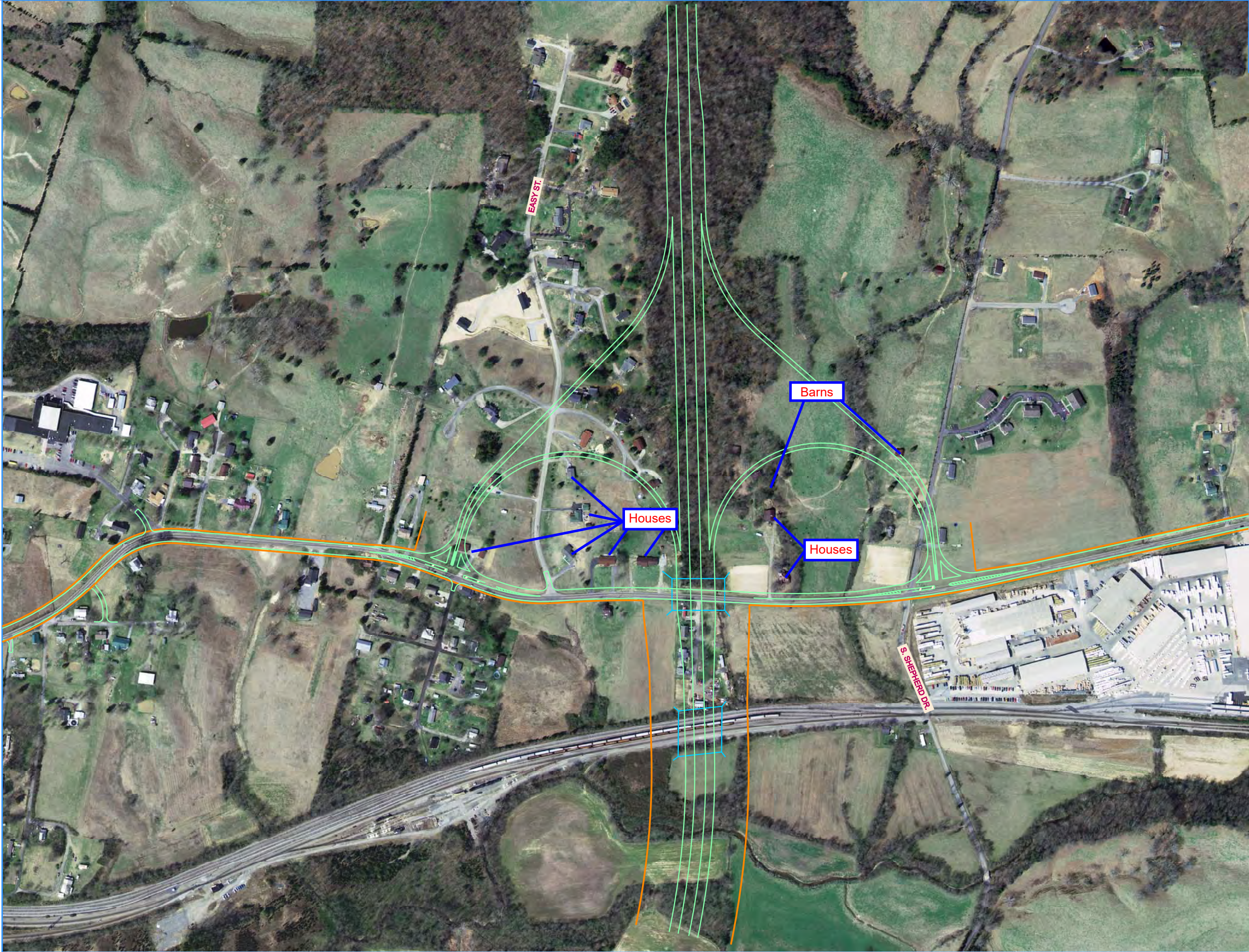
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PROJECT

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Hawkins County, Tennessee

PROJECT NO. 18107072, Task 15



TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		1

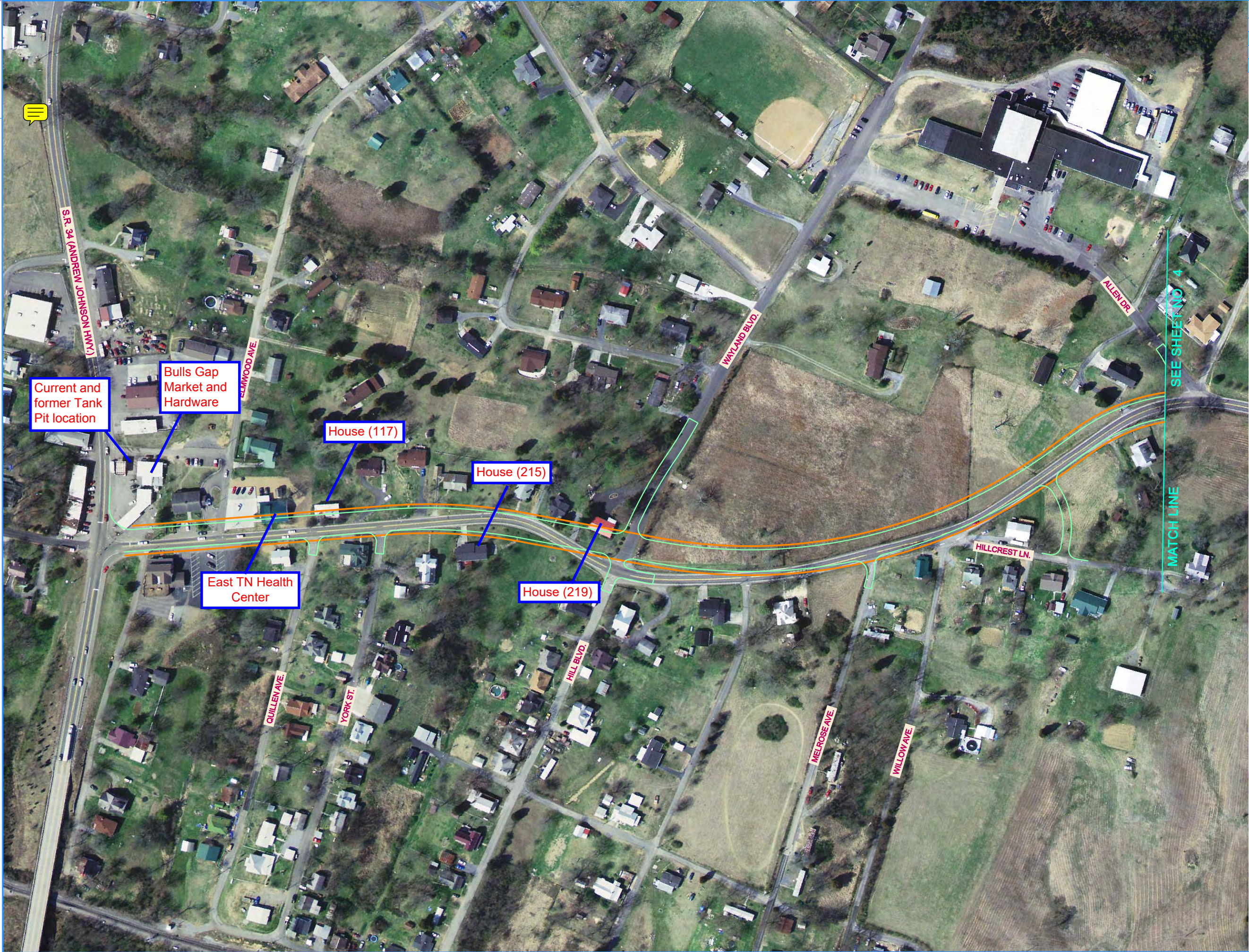
Project #18107072 Task 15
Figure 2 - Sheet 1

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TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		3



Project #18107072 Task 15
Figure 2 - Sheet 3



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TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		4

Project #18107072 Task 15

Figure 2 - Sheet 4

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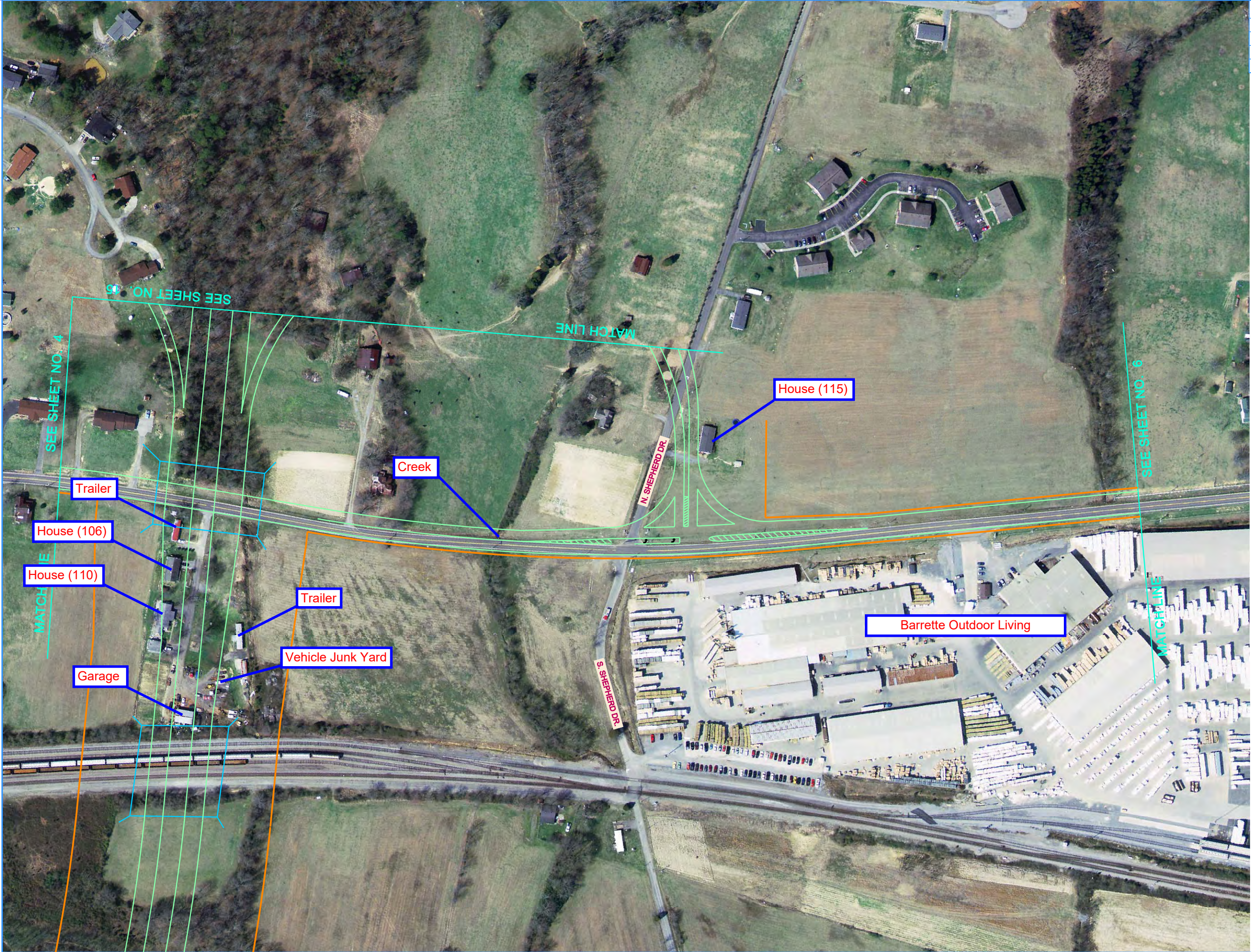
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Project #18107072 Task 15
Figure 2 - Sheet 5

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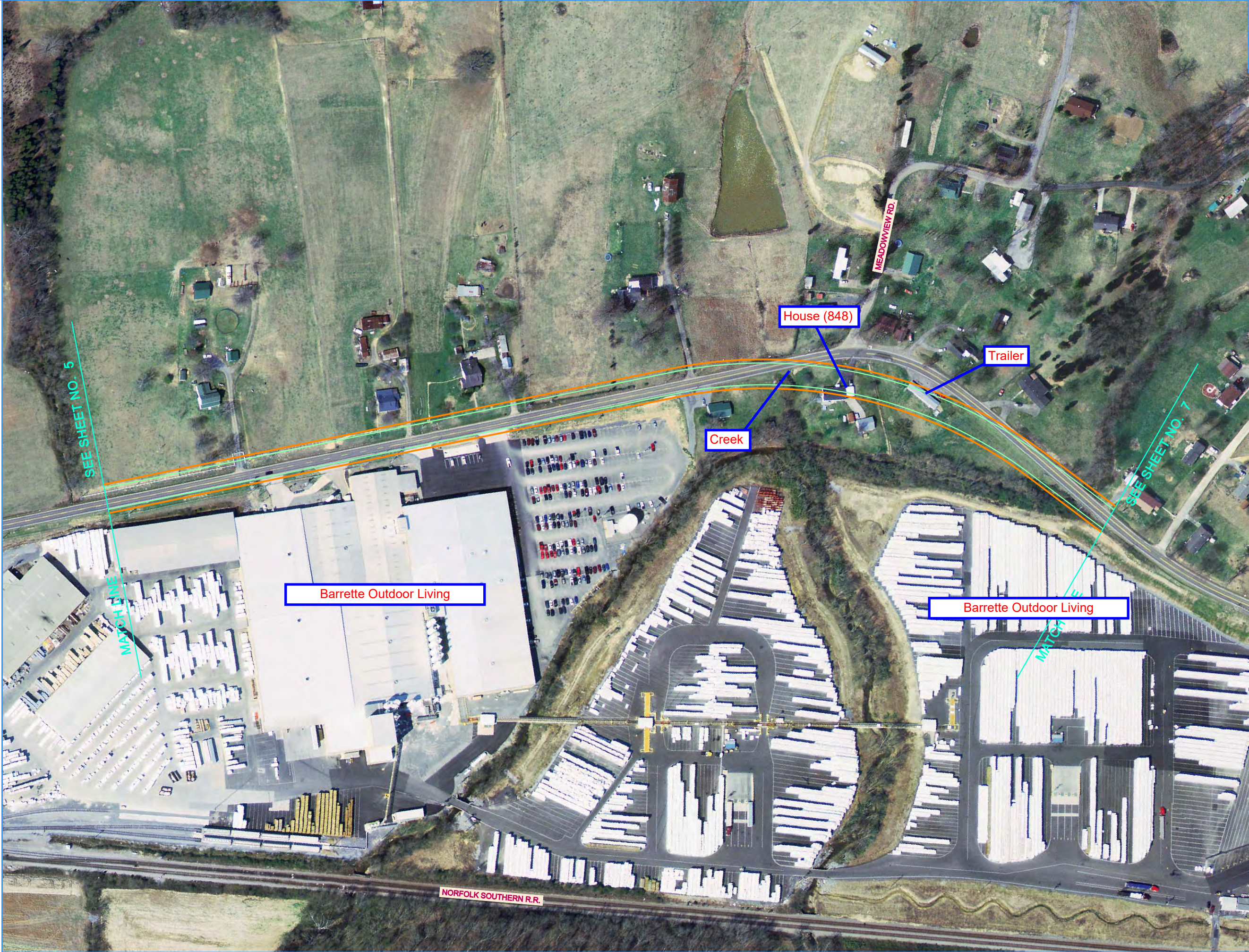
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	2011		6

Project #18107072 Task 15
Figure 2 - Sheet 6

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	2011		7

Project #18107072 Task 15
Figure 2 - Sheet 7

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	2011		8

Project #18107072 Task 15
Figure 2 - Sheet 8

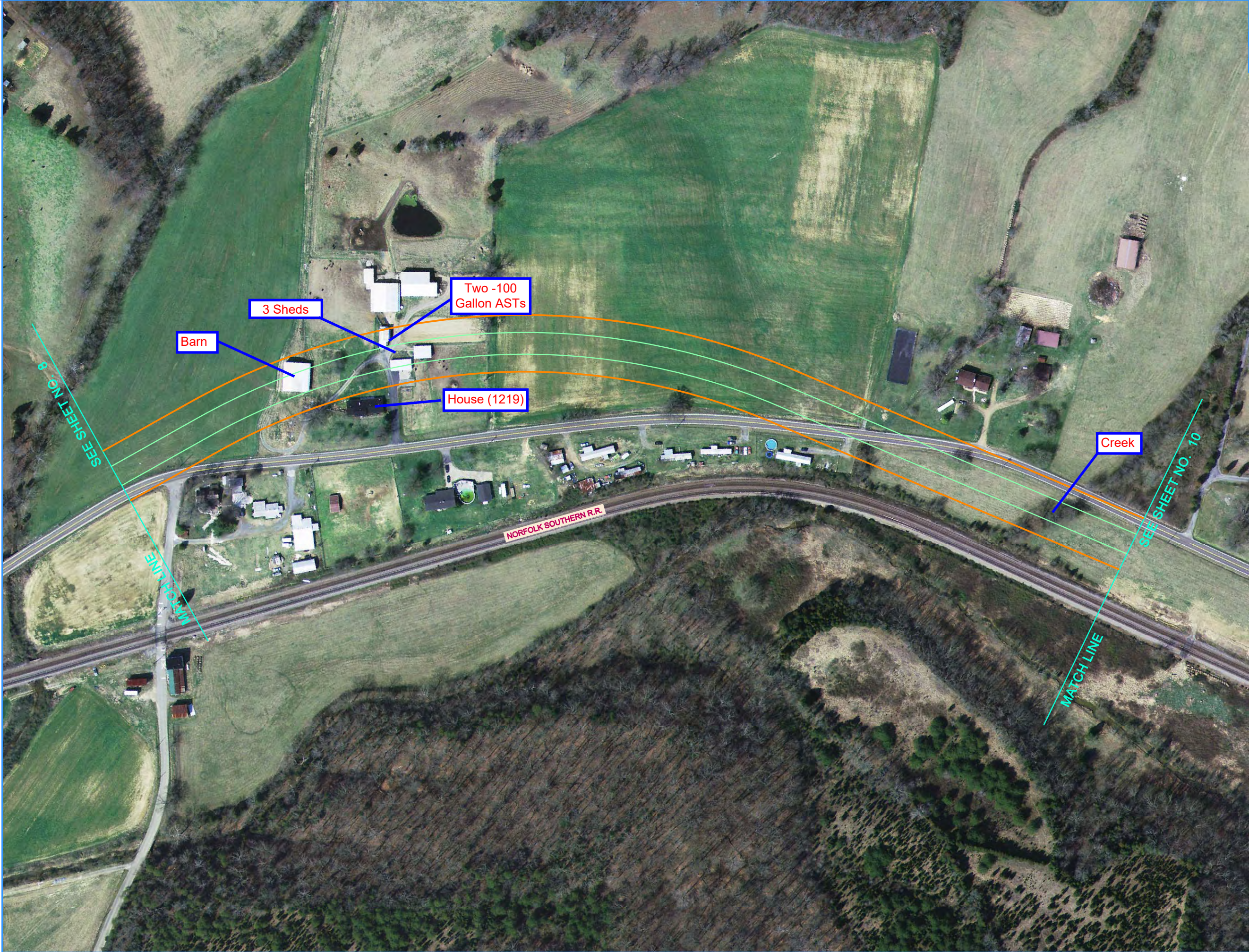
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TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		9

Project #18107072 Task 15
Figure 2 - Sheet 9

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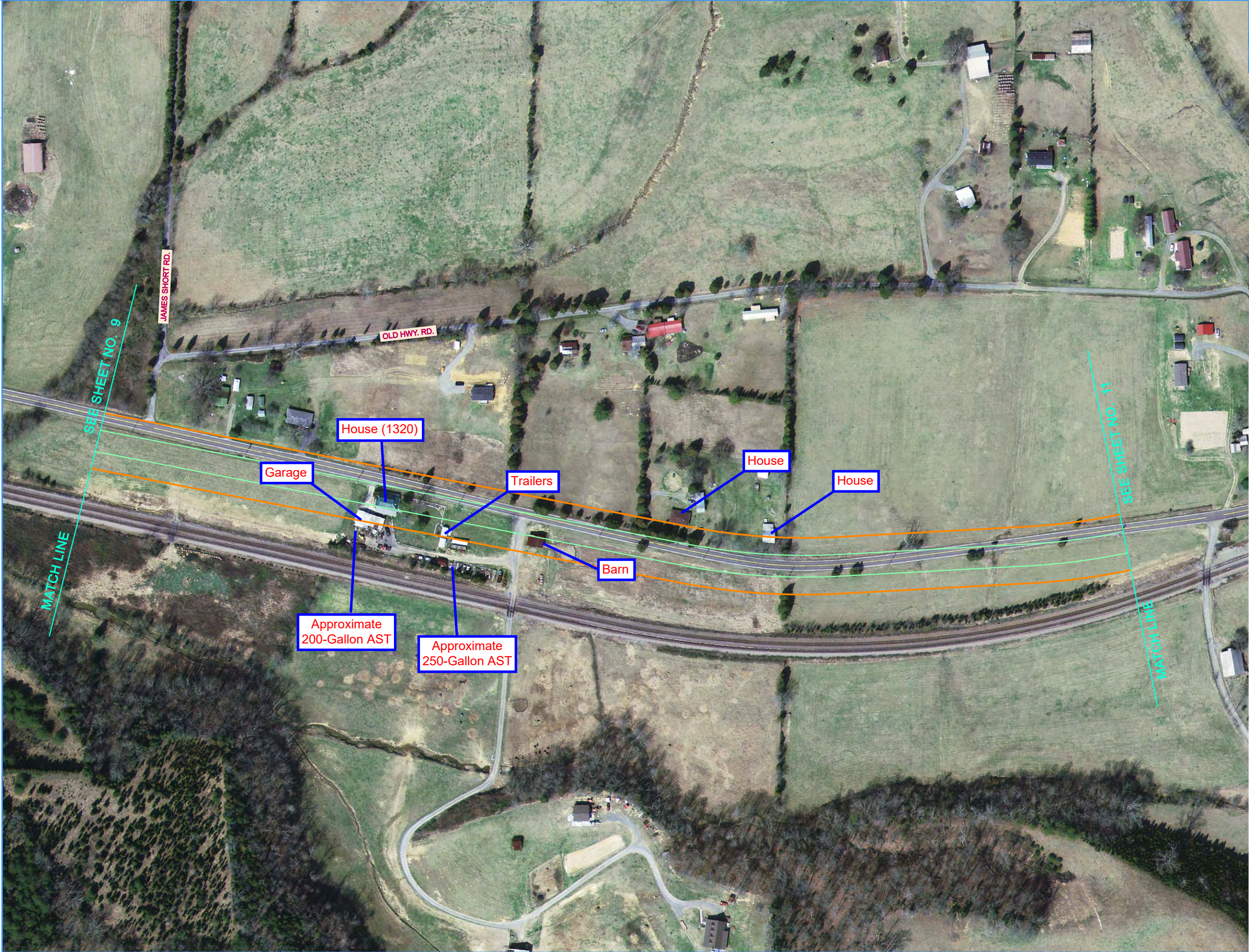
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TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		10

Project #18107072 Task 15
Figure 2 - Sheet 10

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TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		11

Project #18107072 Task 15
Figure 2 - Sheet 11

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TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		12

Project #18107072 Task 15
Figure 2 - Sheet 12

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HAWKINS COUNTY
STATE ROUTE 66

X:\Projects\Hawkins\SR 66\Fr SR 34 (US IIE) To existing Two-Lane section In Ottes Community\Finished Sheets\Functionals Dave\SR66.Dave_sht_13.dgn 11/1/2011 3:42:49 PM



TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		13

Project #18107072 Task 15
Figure 2 - Sheet 13

SEALED BY

0100'200'

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

HAWKINS COUNTY
STATE ROUTE 66

11/1/2011 3:46:06 PM
X:\Projects\Hawkins\SR 66\Fr SR 34 (US 11E) To existing Two-Lane section In Otis Community\Finished Sheets\Functionals Dave\SR66_Dave_sht_14.dgn



TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		14

SEE SHEET NO. 13

MATCH LINE

Well House

House

House (1845)

Office

Tiger Towing Garage

Natural Gas Pipeline

Freeman Rd.

Norfolk Southern R.R.

0100'200'

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

HAWKINS COUNTY
STATE ROUTE 66

SEAL BY

Project #18107072 Task 15
Figure 2 - Sheet 14

Terracon



TYPE	YEAR	PROJECT NO.	SHEET NO.
	2011		15

Project #18107072 Task 15
Figure 2 - Sheet 15



SEALED BY

0 100' 200'



<p>STATE OF TENNESSEE</p> <p>DEPARTMENT OF TRANSPORTATION</p>
<p>HAWKINS COUNTY</p> <p>STATE ROUTE 66</p>

APPENDIX B

Description of Terms and Acronyms

Description of Selected General Terms and Acronyms

<i>Term/Acronym</i>	<i>Description</i>
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Above Ground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally exempt small quantity generators.
CFR	Code of Federal Regulations
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment

Description of Terms and Acronyms (cont.)

FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
ILP	Innocent Landowner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/l	Pico Curies per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.

Description of Terms and Acronyms (cont.)

Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in Pico Curies per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal („cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions" are defined by ASTM E1527-05 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> 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."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generators.
SWF	Solid Waste Facility List. A Vista Information Solutions, Inc. database of solid waste facilities listed by state.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey

Description of Terms and Acronyms (cont.)

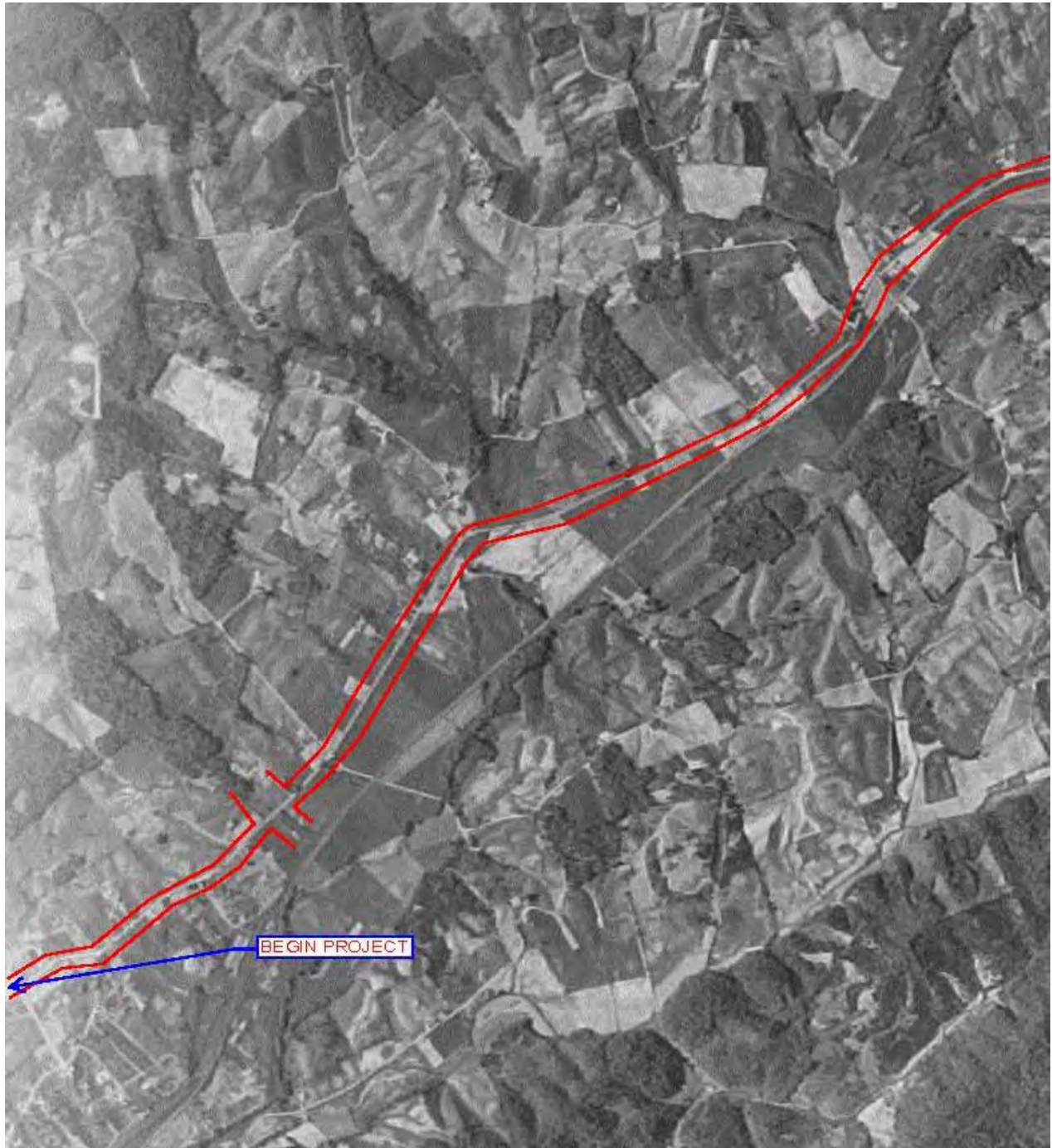
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>

APPENDIX C

Historical Documentation



NORTH



Source: USGS via EDR

1956 Aerial Photograph

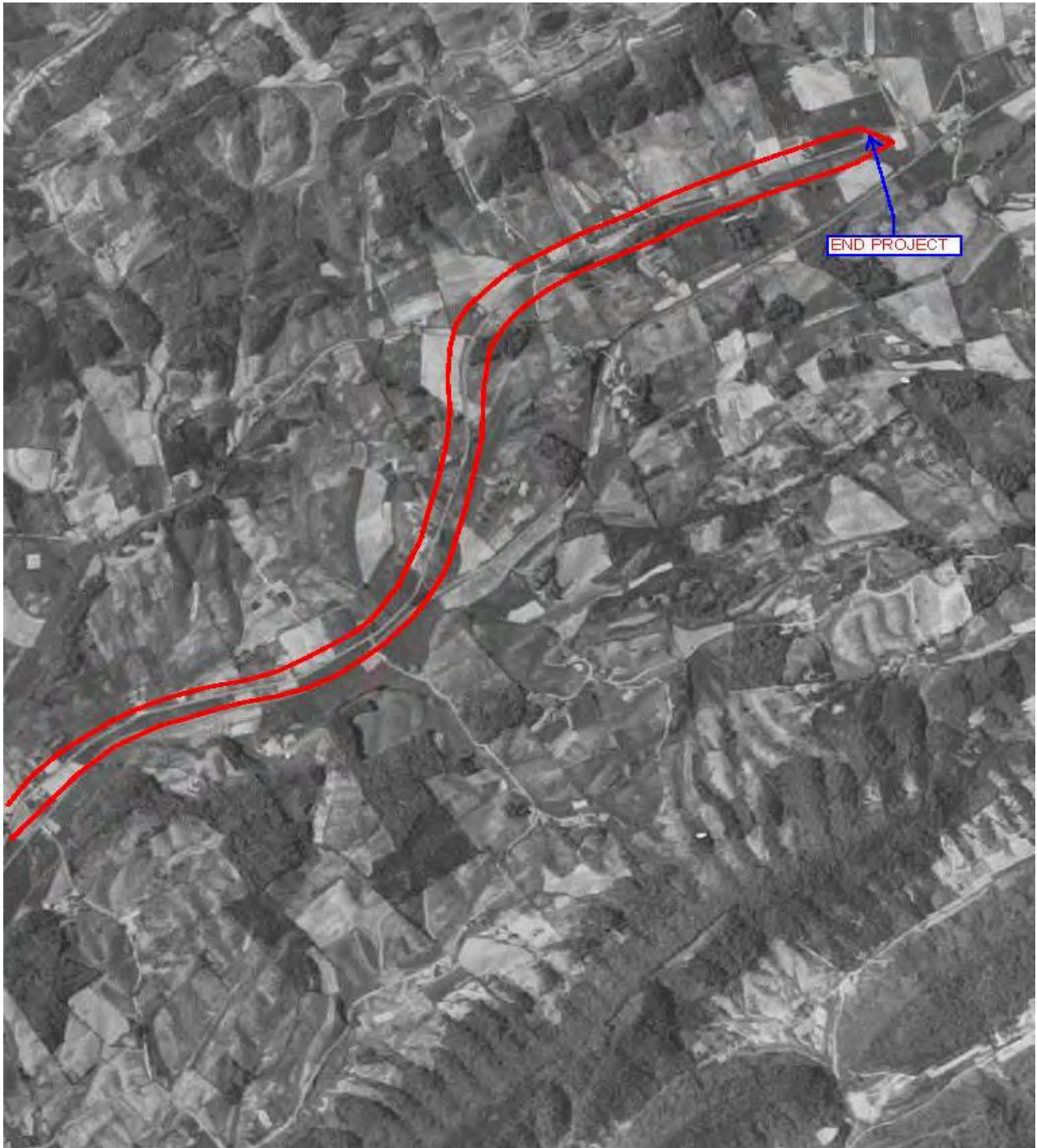
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Terracon

PROJECT
State Route 66
Widening & Realignment
Bulls Gap Tennessee
PROJECT NO. 18107072, Task 15



NORTH



Source: USGS via EDR

1956 Aerial Photograph

SCALE: Unknown

Terracon

PROJECT
State Route 66
Widening & Realignment
Bulls Gap Tennessee
PROJECT NO. 18107072, Task 15



NORTH



Source: USGS via EDR

1986 Aerial Photograph

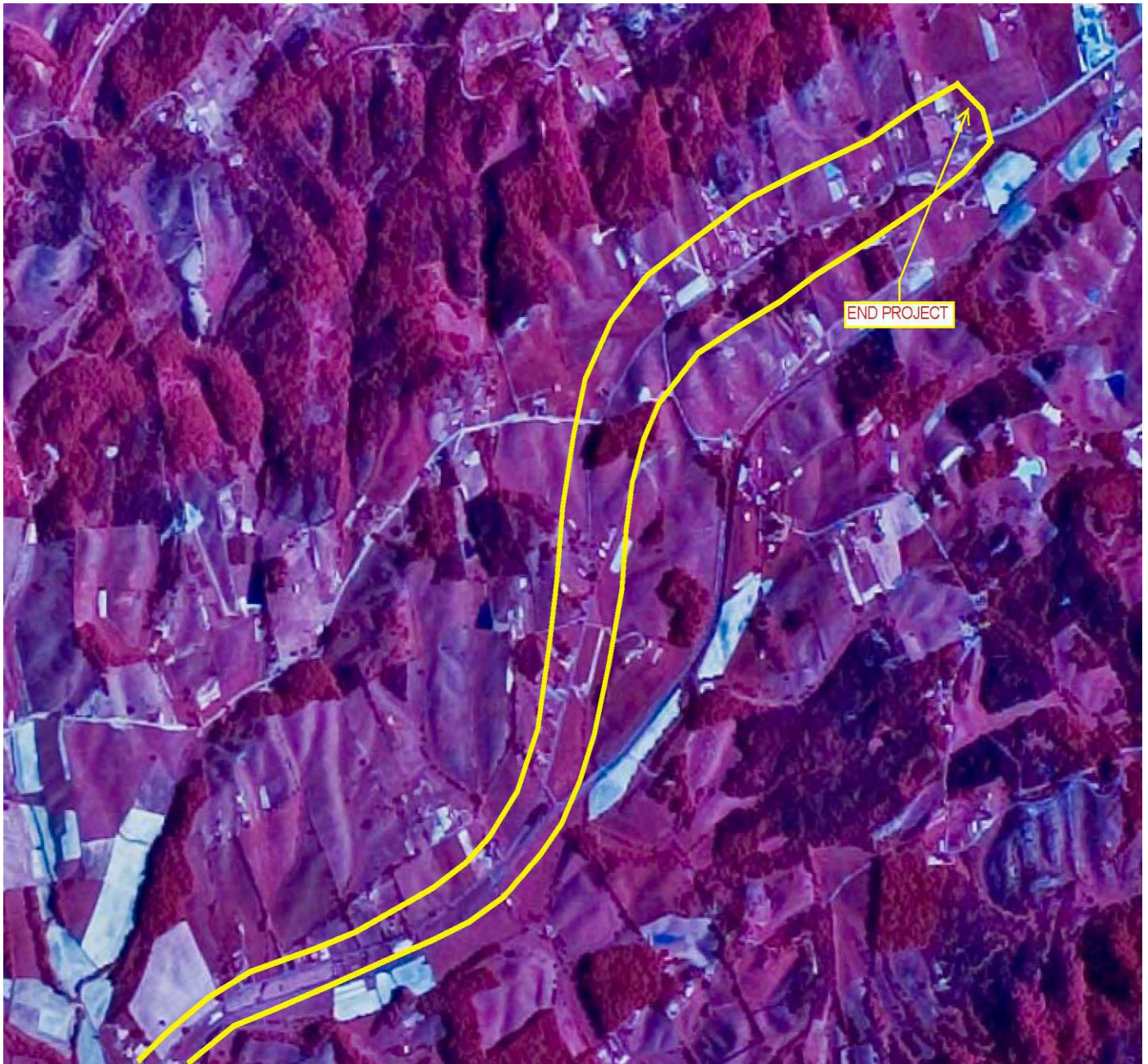
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Terracon

PROJECT
State Route 66
Widening & Realignment
Bulls Gap Tennessee
PROJECT NO. 18107072, Task 15



NORTH



Source: USGS via EDR

1986 Aerial Photograph

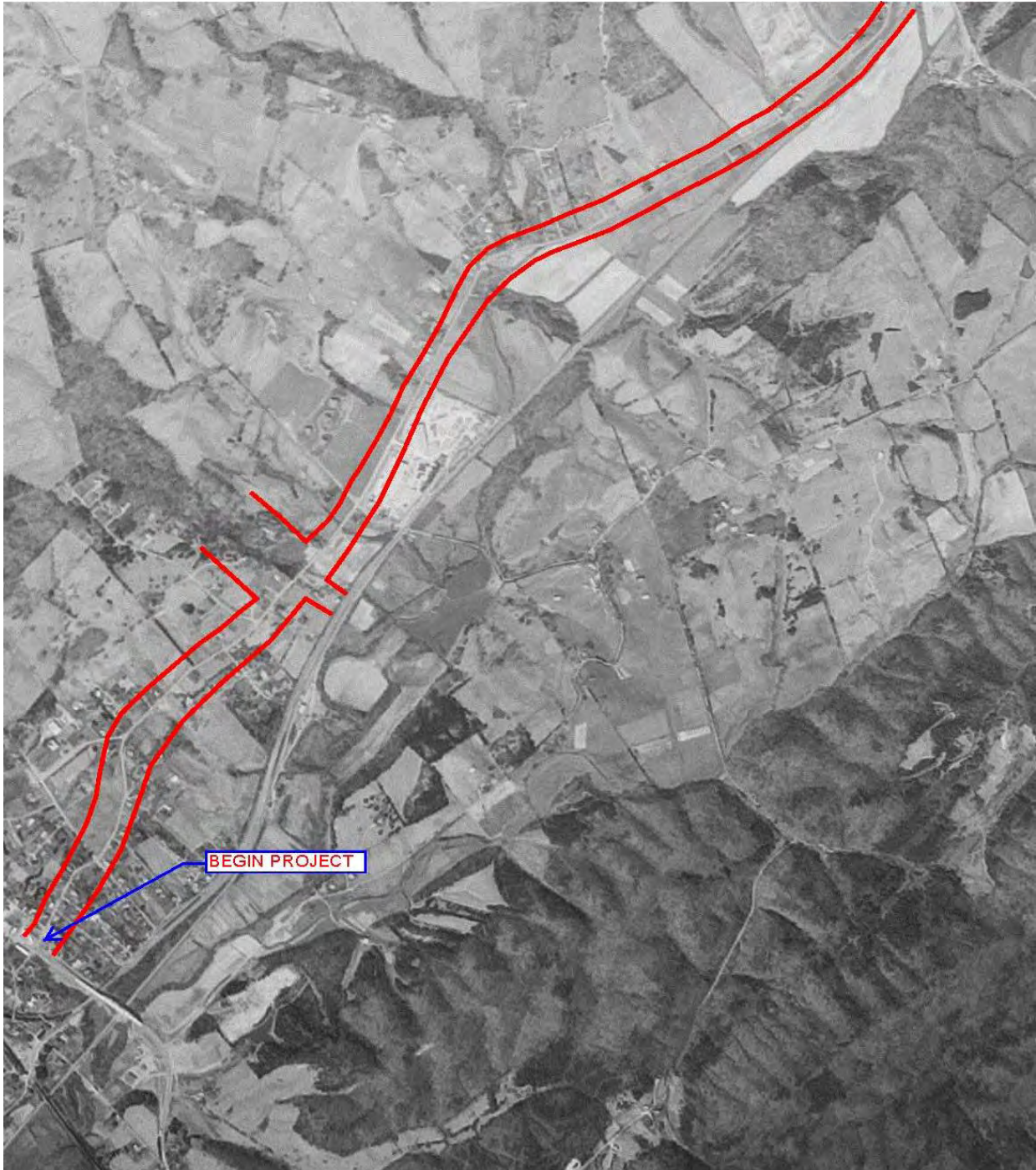
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Terracon

PROJECT
State Route 66
Widening & Realignment
Bulls Gap Tennessee
PROJECT NO. 18107072, Task 15



NORTH



Source: USGS via EDR

1992 Aerial Photograph

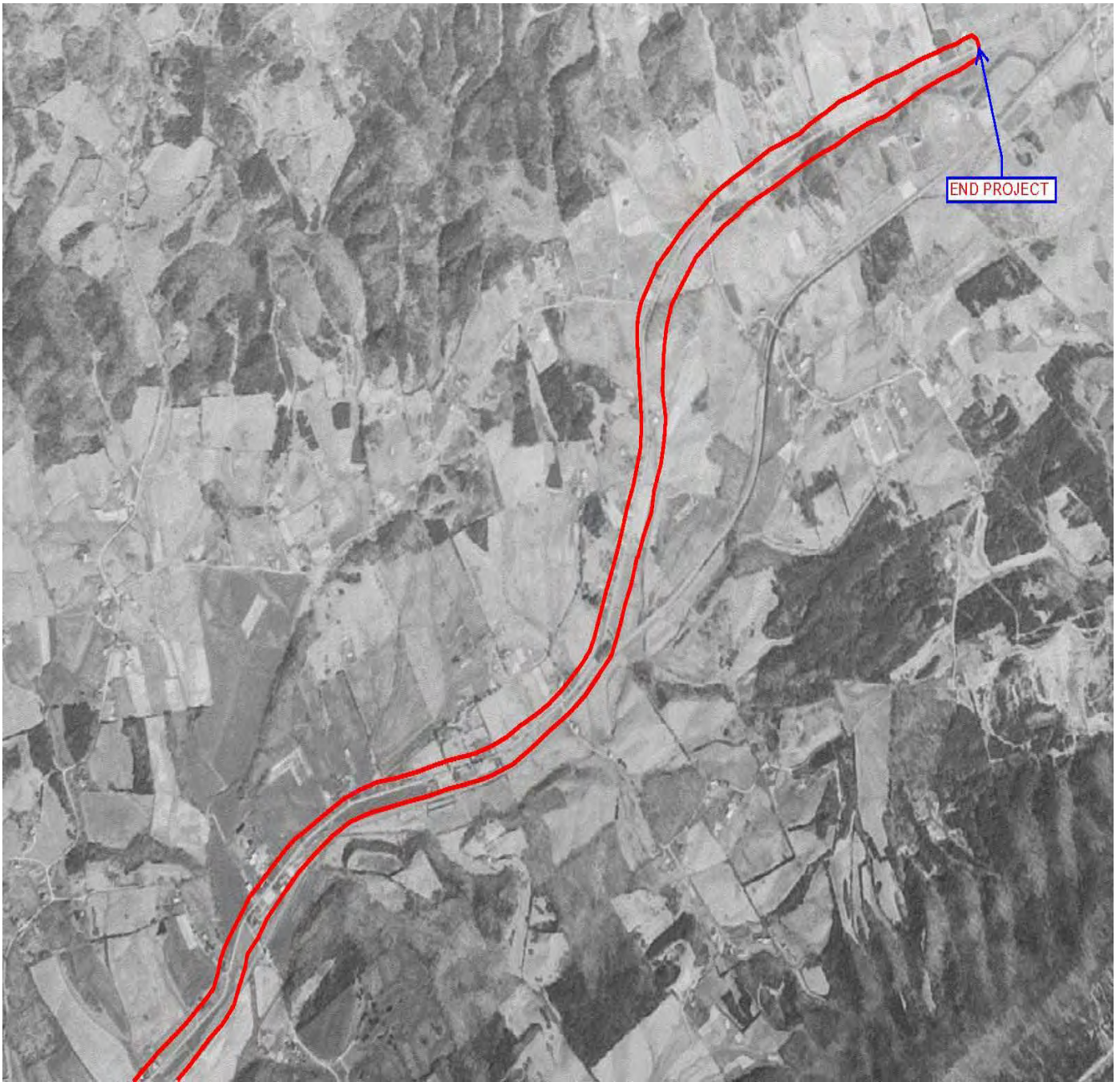
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Terracon

PROJECT
State Route 66
Widening & Realignment
Bulls Gap Tennessee
PROJECT NO. 18107072, Task 15



NORTH



Source: USGS via EDR

1992 Aerial Photograph

SCALE: Unknown

Terracon

PROJECT
State Route 66
Widening & Realignment
Bulls Gap Tennessee
PROJECT NO. 18107072, Task 15



SR 66 Project

SR 66

Bulls Gap, TN 37711

Inquiry Number: 3302026.2

April 13, 2012

Certified Sanborn® Map Report

Certified Sanborn® Map Report

4/13/12

Site Name:

SR 66 Project
SR 66
Bulls Gap, TN 37711

Client Name:

Terracon, Inc.
5217 Linbar Drive
Nashville, TN 37211-1018

EDR Inquiry # 3302026.2

Contact: Rhetta Sapp



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Certified Sanborn Results:

Site Name: SR 66 Project
Address: SR 66
City, State, Zip: Bulls Gap, TN 37711
Cross Street:
P.O. # NA
Project: NA
Certification # 6662-425C-9837



Sanborn® Library search results
Certification # 6662-425C-9837

UNMAPPED PROPERTY

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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APPENDIX D

Environmental Database Information



SR 66 Project

Bulls Gap, TN 37711

Inquiry Number: 3294830.1s

April 06, 2012

EDR DataMap™ Corridor Study

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

BULLS GAP, TN 37711
BULLS GAP, TN 37711

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System

EXECUTIVE SUMMARY

MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
FEMA UST.....	Underground Storage Tank Listing
FEDERAL FACILITY.....	Federal Facility Site Information listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
US HIST CDL.....	National Clandestine Laboratory Register
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

STATE AND LOCAL RECORDS

SHWS.....	List of Inactive Hazardous Substance Sites
SWF/LF.....	Solid Waste Disposal Facilities
SWRCY.....	Recycling Facilities Listing
LIENS.....	Liens Information
DEL SHWS.....	Deleted State Hazardous Waste Sites
AST.....	Aboveground Storage Tanks
SPILLS.....	State Spills
ENG CONTROLS.....	Engineering Control Sites
INST CONTROL.....	Institutional Control Sites
SRP.....	State Remediation Program List
VCP.....	Voluntary Cleanup, Oversight and Assistance Program Sites
DRYCLEANERS.....	Registered Facilities List
PRIORITYCLEANERS.....	DCERP Remediation Sites Listing
BROWNFIELDS.....	Superfund VOAP Listing
CDL.....	Registry of Contaminated Properties

TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

EXECUTIVE SUMMARY

FEDERAL RECORDS

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 11/10/2011 has revealed that there is 1 RCRA-SQG site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
U S FENCE INCORPORATED TREATIN	700 NORTH MAIN STREET	1	3

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 10/03/2011 has revealed that there is 1 ERNS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
700 NORTH MAIN	700 NORTH MAIN	1	3

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 10/23/2011 has revealed that there is 1 FINDS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
U S FENCE INCORPORATED TREATIN	700 NORTH MAIN STREET	1	3

STATE AND LOCAL RECORDS

LUST: A listing of leaking underground storage tank site locations.

A review of the LUST list, as provided by EDR, and dated 12/05/2011 has revealed that there are 4 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BY-LO MARKET #2	515 HIGHWAY 11 EAST	2	15

Current Status: 0 Suspected Release - RD records

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
B & M MARKET & DELI Current Status: 8 Case Closed	11-E HWY	3	23
BULLS GAP MARKET & HARDWARE Current Status: 8 Case Closed	HWY 11 E	3	35
JAMES & HUGH GOAN Current Status: 1a Completed Tank Closure	273 HWY 11E	4	36

LUST TRUST: This list contains information on sites that had accidental releases of petroleum and are eligible for reimbursement from the TN Petroleum UST Fund.

A review of the LUST TRUST list, as provided by EDR, and dated 01/31/2012 has revealed that there is 1 LUST TRUST site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BULLS GAP MARKET AND HARDWARE	HIGHWAY 11 EAST	3	24

LUST_JO: From Dep of Environment and Conservation. The sites are in the list of sites that had accidental releases of petroleum and are eligible for reimbursement from TN Petroleum UST fund

A review of the LUST_JO list, as provided by EDR, and dated 08/02/2005 has revealed that there are 3 LUST_JO sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
B & M MARKET & DELI Facility Status: 8 Case Closed	11-E HWY	3	23
BULLS GAP MARKET & HARDWARE Facility Status: 8 Case Closed	HWY 11 E	3	35
JAMES & HUGH GOAN Facility Status: 1a Completed Tank Closure	273 HWY 11E	4	36

HIST_LUST CO: From Dep of Environment and Conservation. The sites are in the list of sites that had accidental releases of petroleum and are eligible for reimbursement from TN Petroleum UST fund

A review of the HIST_LUST CO list, as provided by EDR, and dated 10/18/1994 has revealed that there is 1 HIST_LUST CO site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BULLS GAP MARKET & HARDWARE	HWY 11 E	3	35

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environment & Conservation's Facility and Tank Report.

A review of the UST list, as provided by EDR, and dated 12/05/2011 has revealed that there are 2 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BY-LO MARKET #2	515 HIGHWAY 11 EAST	2	15
Tank Status: Permanently Out of Use			
Tank Status: Currently In Use			
<i>*Additional key fields are available in the Map Findings section</i>			
BULLS GAP MARKET AND HARDWARE	HIGHWAY 11 EAST	3	24
Tank Status: Permanently Out of Use			
Tank Status: Permanently Out of Use			
<i>*Additional key fields are available in the Map Findings section</i>			

HIST UST: This database is no longer updated by the agency. It contains records and detail fields that the current UST database does not.

A review of the HIST UST list, as provided by EDR, and dated 12/05/2011 has revealed that there are 2 HIST UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BY-LO MARKET #2	515 HIGHWAY 11 EAST	2	15
BULLS GAP MARKET AND HARDWARE	HIGHWAY 11 EAST	3	24

NPDES: A listing of permitted wastewater facilities.

A review of the NPDES list, as provided by EDR, and dated 06/01/2006 has revealed that there is 1 NPDES site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BARRETTE OUTDOOR LIVING, INC.	700 NORTH MAIN STREET	1	14

AIRS: A listing of permitted sources issued by the Division of Air Pollution Control.

A review of the AIRS list, as provided by EDR, and dated 11/23/2011 has revealed that there is 1 AIRS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BARRETTE OUTDOOR LIVING, INC.	700 NORTH MAIN STREET	1	14

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	0
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	1
RCRA-CESQG	0
RCRA-NonGen	0
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	1
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
DEBRIS REGION 9	0
MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	1
RAATS	0
SCRD DRYCLEANERS	0
FEMA UST	0
FEDERAL FACILITY	0
PCB TRANSFORMER	0
COAL ASH EPA	0
US HIST CDL	0
COAL ASH DOE	0
<u>STATE AND LOCAL RECORDS</u>	
SHWS	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
SWF/LF	0
SWRCY	0
LUST	4
LUST TRUST	1
LUST_JO	3
HIST_LUST CO	1
UST	2
HIST UST	2
LIENS	0
DEL SHWS	0
AST	0
SPILLS	0
ENG CONTROLS	0
INST CONTROL	0
SRP	0
VCP	0
DRYCLEANERS	0
PRIORITYCLEANERS	0
BROWNFIELDS	0
CDL	0
NPDES	1
AIRS	1
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
 <u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EDR ID Number
EPA ID Number

1 700 NORTH MAIN
700 NORTH MAIN
BULLS GAP, TN 37711 ERNS 2000522610
N/A

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

1 U S FENCE INCORPORATED TREATING DIVISION RCRA-SQG 1000158633
700 NORTH MAIN STREET FINDS TND982163040
BULLS GAP, TN 37711

RCRA-SQG:

Date form received by agency: 02/28/2011
Facility name: BARRETTE OUTDOOR LIVING, INC.
Facility address: 740 NORTH MAIN STREET
BULLS GAP, TN 37711
EPA ID: TND982163040
Mailing address: NORTH MAIN STREET
BULLS GAP, TN 37711
Contact: ROBERT F SMITH
Contact address: NORTH MAIN STREET
BULLS GAP, TN 37711
Contact country: US
Contact telephone: 423-235-4113
Contact email: ROBERT.SMITH@BARRETTE.COM
EPA Region: 04
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BARRETTE OUTDOOR LIVING, INC.
Owner/operator address: N. MAIN STREET
BULLS GAP, TN 37711
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/23/2010
Owner/Op end date: Not reported
Owner/operator name: U.S. FENCE INC
Owner/operator address: FREEWAY CIRCLE
MIDDLEBURG HEIGHTS, OH 44130
Owner/operator country: US
Owner/operator telephone: (440) 891-0790
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/02/2004
Owner/Op end date: Not reported
Owner/operator name: GARY WILLIAMS
Owner/operator address: N. MAIN STREET

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

BULLS GAP, TN 37711
Owner/operator country: US
Owner/operator telephone: 423 6017300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/23/2010
Owner/Op end date: Not reported

Owner/operator name: RON ERWIN
Owner/operator address: CLUBHOUSE DRIVE
PEACHTREE CITY, GA 30269

Owner/operator country: US
Owner/operator telephone: (770) 487-5046
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1988
Owner/Op end date: 03/02/2004

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 02/23/2010
Facility name: BARRETTE OUTDOOR LIVING, INC.
Classification: Small Quantity Generator

Date form received by agency: 03/02/2009
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: U.S. FENCE, INC.
Classification: Small Quantity Generator

Date form received by agency: 02/27/2008
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: U.S. FENCE, INC.
Classification: Small Quantity Generator

Date form received by agency: 03/02/2004

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: ERWIN INDUSTRIES INC TREATING DIVISION
Classification: Small Quantity Generator

Date form received by agency: 03/03/2003
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: ERWIN INDUSTRIES INC TREATING DIVISION
Classification: Small Quantity Generator

Date form received by agency: 03/03/2000
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: ERWIN INDUSTRIES INC TREATING DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1999
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: ERWIN INDUSTRIES INC TREATING DIV
Classification: Large Quantity Generator

Date form received by agency: 03/01/1997
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: BULLS GAP FOREST PRODUCTS, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
Facility name: BARRETTE OUTDOOR LIVING, INC.
Site name: BULLS GAP FOREST PRODUCTS, INC.
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D004
Waste name: ARSENIC

Waste code: D007
Waste name: CHROMIUM

Waste code: F035
Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESS GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL (NOTE: THE LISTING OF WASTEWATERS THAT HAVE NOT COME INTO CONTACT WITH PROCESS CONTAMINANTS IS STAYED ADMINISTRATIVELY. THE STAY WILL REMAIN IN EFFECT UNTIL FURTHER ADMINISTRATIVE ACTION IS TAKEN.).

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 03/08/2010
Date achieved compliance: 04/09/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/2010
Enf. disposition status: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 03/08/2010
Date achieved compliance: 04/09/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 1200-1-11-.03(4)(e)2(iv)
Area of violation: Generators - General
Date violation determined: 08/09/2004
Date achieved compliance: 08/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/13/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .11(3)(c)3(i)
Area of violation: Generators - Pre-transport
Date violation determined: 07/31/2002
Date achieved compliance: 09/04/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/07/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .12(2)(e)
Area of violation: Generators - General
Date violation determined: 07/17/2001
Date achieved compliance: 07/17/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(4)(e)2(i)(I)
Area of violation: Generators - Pre-transport
Date violation determined: 07/17/2001
Date achieved compliance: 07/17/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .05(9)(e)
Area of violation: Generators - General
Date violation determined: 04/12/1999
Date achieved compliance: 04/12/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/12/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(4)(e)5(i)(II)
Area of violation: Generators - Pre-transport
Date violation determined: 10/06/1997
Date achieved compliance: 10/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(5)(b)1
Area of violation: Generators - Records/Reporting
Date violation determined: 03/01/1996
Date achieved compliance: 10/29/1996
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 03/01/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(4):264.574(b)
Area of violation: Generators - Pre-transport
Date violation determined: 02/09/1996
Date achieved compliance: 03/09/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/14/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(4)262.34(a)1(iii)A
Area of violation: Generators - Pre-transport
Date violation determined: 02/09/1996
Date achieved compliance: 03/09/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/14/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(4):.05(23)(a)
Area of violation: Generators - Pre-transport
Date violation determined: 07/29/1993
Date achieved compliance: 10/11/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - .03(4)(e)2(i)(III)
Area of violation: Generators - Pre-transport
Date violation determined: 07/29/1993
Date achieved compliance: 10/11/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - ;4255
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/02/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - ;4245
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/02/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - ;4255
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - ;4245
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Paid penalty amount: Not reported

Regulation violated: SR - ;4001
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - ;4335
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - ;4320
Area of violation: Generators - Pre-transport
Date violation determined: 04/19/1993
Date achieved compliance: 07/29/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/09/2010
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 04/09/2010
Evaluation lead agency: State

Evaluation date: 04/09/2010
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Listing - General
Date achieved compliance: 04/09/2010
Evaluation lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Evaluation date: 03/08/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 04/09/2010
Evaluation lead agency: State

Evaluation date: 03/08/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 04/09/2010
Evaluation lead agency: State

Evaluation date: 12/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/09/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/09/2004
Evaluation lead agency: State

Evaluation date: 09/04/2002
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/04/2002
Evaluation lead agency: State

Evaluation date: 07/31/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/04/2002
Evaluation lead agency: State

Evaluation date: 07/31/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/17/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/17/2001
Evaluation lead agency: State

Evaluation date: 07/17/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/17/2001
Evaluation lead agency: State

Evaluation date: 04/12/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Date achieved compliance: 04/12/1999
Evaluation lead agency: State

Evaluation date: 04/12/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/06/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/06/1997
Evaluation lead agency: State

Evaluation date: 03/01/1996
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 10/29/1996
Evaluation lead agency: State

Evaluation date: 02/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/09/1996
Evaluation lead agency: State

Evaluation date: 09/29/1993
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/29/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/29/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/11/1993
Evaluation lead agency: State

Evaluation date: 07/29/1993
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/27/1993
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/29/1993
Evaluation lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U S FENCE INCORPORATED TREATING DIVISION (Continued)

1000158633

Evaluation date: 04/19/1993
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/19/1993
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/19/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/29/1993
Evaluation lead agency: State

Evaluation date: 10/16/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/30/1991
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110008125000

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.

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.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

1 **BARRETTE OUTDOOR LIVING, INC.** **NPDES** **S107861559**
700 NORTH MAIN STREET **AIRS** **N/A**
BULLS GAP, TN 37711

NPDES:

Permit Number: TNR050648
Site Owner: U.S. Fence (Wood Division)
Permittee Name: U.S. Fence (Wood Division)
PREFIX: Mr.
First Name: Wayne
Last Name: Lucas
Area Code: 423
Telephone: 235-4113
Extention: Not reported
Mailing Address: 700 Main Street, P. O. Box 100
Mailing Addr 2: Not reported
Mailing City,St,Zip: Bulls Gap, TN 37711
Issuance Date: 03/08/2002
Expiration Date: 12/31/2006
Permitting Action: A
Permit Type: TMSP
Receiving Stream: White Horn Creek
Site Description: Not reported

AIRS:

Facility Id: 37-0062
Category: TM
Contact Name: Mr. Gary Williams
Contact Address: 740 North Main Street
Contact City: Bulls Gap
Contact State: TN
Contact Zip: 37711
Contact Phone: 423 601-7300
SIC Code: 2426
Description: Hardwood Dimension and Flooring Mills

Facility Id: 37-0062
Category: TM
Contact Name: Mr. Robert Smith
Contact Address: 740 North Main Street
Contact City: Bulls Gap
Contact State: TN
Contact Zip: 37711
Contact Phone: 423 601-7315
SIC Code: 2426
Description: Hardwood Dimension and Flooring Mills

Facility Id: 37-0065
Category: TM
Contact Name: Mr. Robert Smith
Contact Address: 740 North Main Street
Contact City: Bulls Gap
Contact State: TN
Contact Zip: 37711
Contact Phone: 423 601-7315
SIC Code: 2491
Description: Wood Preserving

Facility Id: 37-0065

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BARRETTE OUTDOOR LIVING, INC. (Continued)

S107861559

Category: TM
Contact Name: Mr. Gary Williams
Contact Address: 740 North Main Street
Contact City: Bulls Gap
Contact State: TN
Contact Zip: 37711
Contact Phone: 423 601-7300
SIC Code: 2491
Description: Wood Preserving

2

BY-LO MARKET #2 515 HIGHWAY 11 EAST BULLS GAP, TN 37711

LUST U002098417
UST N/A
HIST UST

LUST:

Region: STATE
Region Number: 1
Facility Id: 1370119
Current Status: 0 Suspected Release - RD records
Product Released: Not reported
Discovery Date: Not reported
How Discovered: Not reported
Cause: Not reported
Case Number: 2
Case Manager: MLB
Case Description: Tank #3; Two Consecutive Inconclusive SIR Results
Section: FO
Priority: Not reported
Consultant ID: C0488
Consultant Name: Quantum Environmental & Engineering Serv
Consultant Contact: George J. Hyfantis, Jr. PhD
Consultant Contact Title: Not reported
Consultant Contact First Name: Not reported
Consultant Contact Last Name: Not reported
Consultant Contact Address2: Not reported
Consultant City: Knoxville
Consultant State: TN
Consultant Telephone: 865-689-1395
Owner ID: 230
Owner Name: Coffman Oil Co.
Owner Contact: Not reported
Owner Contact Title: Not reported
Owner Contact First Name: Not reported
Owner Contact Last Name: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: TN
Owner Zip Code: Not reported
Owner Telephone: Not reported

UST:

Facility ID: 1370119
Owner ID: 300229
Owner Name: Coffman Oil Co., Inc.
Owner Address: P.O. Box 1241
Owner Address 2: Not reported
Owner City,St,Zip: Morristown, TN 37816

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

Owner Description: Commercial
Facility Status: Morristown, TN 37816
Regulated: Regulated
Facility Description: Commercial
Tank Status: Permanently Out of Use
Compartment Capacity: 1000
Substance Description: Gasoline
TankID: 5
CompartmentID: A
TankMatDesc: Asphalt Coated or Bare Steel
TankModsDesc: None
TankOtherMaterial: Not reported
TankManualGauge: FALSE
TankTightness: FALSE
TankInventoryControl: FALSE
TankATG: FALSE
TankVaporMonitor: FALSE
TankGWMonitor: FALSE
TankInterstitialDbIWalled: FALSE
TankInterstitialSecondContain: FALSE
TankSIR: FALSE
TankLDOther: FALSE
TankLDDeferred: FALSE
TankLDNotListed: TRUE
PipeMatDesc: Galvanized Steel
PipeModDesc: Not reported
PipeOtherMaterial: Not reported
PipeRepaired: FALSE
PipeTypeDesc: Not reported
PipeAutoLineLeakDetection: FALSE
PipeLineTightness: FALSE
PipeVaporMonitoring: FALSE
PipeGWMonitoring: FALSE
PipeInterstitialDbIWalled: FALSE
PipeInterstitialSecContain: FALSE
PipeSIR: FALSE
PipeLDOther: FALSE
PipeLDDeferred: FALSE
PipeLDNotListed: FALSE
LDOtherMethods: Not reported
OverfillType: Not reported
OverfillInstalled: FALSE
SpillInstalled: FALSE
CPMet: FALSE
SmallDelivery: FALSE
TankEmergen: FALSE
FlexPipingType: Not reported
YearFlexPipingInstalled: Not reported
DateInstalled: 03/01/1992
DateLastUsed: 09/26/2000
DateClosed: 09/27/2000
TankNoFee: TRUE

Facility Status: Morristown, TN 37816
Regulated: Regulated
Facility Description: Commercial
Tank Status: Currently In Use

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

Compartment Capacity: 2000
Substance Description: Kerosene
TankID: 4
CompartmentID: A
TankMatDesc: Cathodically Protected Steel-StiP3
TankModsDesc: None
TankOtherMaterial: Not reported
TankManualGauge: FALSE
TankTightness: FALSE
TankInventoryControl: FALSE
TankATG: FALSE
TankVaporMonitor: FALSE
TankGWMonitor: FALSE
TankInterstitialDbIWalled: FALSE
TankInterstitialSecondContain: FALSE
TankSIR: TRUE
TankLDOther: FALSE
TankLDDeferred: FALSE
TankLDNotListed: FALSE
PipeMatDesc: Steel w/impressed current
PipeModDesc: Not reported
PipeOtherMaterial: Not reported
PipeRepaired: FALSE
PipeTypeDesc: Not reported
PipeAutoLineLeakDetection: FALSE
PipeLineTightness: FALSE
PipeVaporMonitoring: FALSE
PipeGWMonitoring: FALSE
PipeInterstitialDbIWalled: FALSE
PipeInterstitialSecContain: FALSE
PipeSIR: TRUE
PipeLDOther: FALSE
PipeLDDeferred: FALSE
PipeLDNotListed: FALSE
LDOtherMethods: Not reported
OverfillType: Not reported
OverfillInstalled: TRUE
SpillInstalled: TRUE
CPMet: TRUE
SmallDelivery: FALSE
TankEmergen: FALSE
FlexPipingType: Not reported
YearFlexPipingInstalled: Not reported
DateInstalled: 07/14/1991
DateLastUsed: Not reported
DateClosed: Not reported
TankNoFee: TRUE

Facility Status: Morristown, TN 37816
Regulated: Regulated
Facility Description: Commercial
Tank Status: Currently In Use
Compartment Capacity: 5000
Substance Description: Gasoline
TankID: 1
CompartmentID: A
TankMatDesc: Cathodically Protected Steel-StiP3

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	FALSE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	TRUE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	FALSE
PipeMatDesc:	Fiberglass Reinforced Plastic
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	FALSE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	TRUE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Not reported
OverfillInstalled:	TRUE
SpillInstalled:	TRUE
CPMet:	TRUE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	01/20/1987
DateLastUsed:	Not reported
DateClosed:	Not reported
TankNoFee:	TRUE
Facility Status:	Morristown, TN 37816
Regulated:	Regulated
Facility Description:	Commercial
Tank Status:	Currently In Use
Compartment Capacity:	5000
Substance Description:	Gasoline
TankID:	2
CompartmentID:	A
TankMatDesc:	Cathodically Protected Steel-StiP3
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

TankATG:	FALSE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	TRUE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	FALSE
PipeMatDesc:	Fiberglass Reinforced Plastic
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	FALSE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	TRUE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Not reported
OverfillInstalled:	TRUE
SpillInstalled:	TRUE
CPMet:	TRUE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	01/20/1987
DateLastUsed:	Not reported
DateClosed:	Not reported
TankNoFee:	TRUE
Facility Status:	Morristown, TN 37816
Regulated:	Regulated
Facility Description:	Commercial
Tank Status:	Currently In Use
Compartment Capacity:	8000
Substance Description:	Gasoline
TankID:	3
CompartmentID:	A
TankMatDesc:	Cathodically Protected Steel-StiP3
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	FALSE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

TankSIR:	TRUE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	FALSE
PipeMatDesc:	Fiberglass Reinforced Plastic
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	FALSE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	TRUE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Not reported
OverfillInstalled:	TRUE
SpillInstalled:	TRUE
CPMet:	TRUE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	07/14/1991
DateLastUsed:	Not reported
DateClosed:	Not reported
TankNoFee:	TRUE

HIST UST:

Facility ID:	1-370119
Facility Description:	Commercial
Owner ID:	2009
Owner Name:	COFFMAN OIL CO., INC.
Owner Address:	P.O. Box 1241
Owner City,St,Zip:	Morristown, TN 37814
Owner Telephone:	(423) 586-0681
Owner Description:	Commercial

Tank ID:	1
Tank Status:	Currently in Use
Tank Capacity:	5000
Tank Contents:	Gasoline
Tank Material:	Cathodically Protected Steel
Tank 2ndary Trait:	None
Tank Manual Gauge:	False
Tank Tightness:	False
Tank Inventory Control:	False
Tank ATG:	False
Tank Vapor Monitor:	False
Tank Groundwater Monitor:	False
Tank Double Walled:	False
Tank 2nd Contained:	False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 01/20/1987
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Pressurized
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: True
Pipe Leak Detection Listed: False

Tank ID: 5
Tank Status: Permanently Out of Use
Tank Capacity: 1000
Tank Contents: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: False
Overfill Installed: False
Spill Installed: False
Cathodic Protection: False
Date Installed: 03/01/1992
Tank Leak Detection Listed: True
Pipe Material: Galvanized Steel
Pipe Other Material: None
Pipe Type: Safe Suction
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: False
Pipe Leak Detection Listed: False

Tank ID: 3
Tank Status: Currently in Use
Tank Capacity: 8000
Tank Contents: Gasoline
Tank Material: Cathodically Protected Steel

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 07/14/1991
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Pressurized
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: True
Pipe Leak Detection Listed: False

Tank ID: 4
Tank Status: **Currently in Use**
Tank Capacity: 2000
Tank Contents: Kerosene
Tank Material: Cathodically Protected Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: True
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 07/14/1991
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Safe Suction
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BY-LO MARKET #2 (Continued)

U002098417

Pipe SIR: True
Pipe Leak Detection Listed: False

Tank ID: 2
Tank Status: Currently in Use
Tank Capacity: 5000
Tank Contents: Gasoline
Tank Material: Cathodically Protected Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 01/20/1987
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Pressurized
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: True
Pipe Leak Detection Listed: False

3
B & M MARKET & DELI
11-E HWY
BULLS GAP, TN 37711

LUST S102829417
LUST_JO N/A

LUST:
Region: STATE
Region Number: 1
Facility Id: 1300243
Current Status: 8 Case Closed
Product Released: Not reported
Discovery Date: 09-Jan-98
How Discovered: 1 At Closure
Cause: 7 Unknown
Case Number: 1
Case Manager: MLB
Case Description: Not reported
Section: FO
Priority: Not reported
Consultant ID: C0162
Consultant Name: Schreiber and Associates
Consultant Contact: Dale Schreiber
Consultant Contact Title: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

B & M MARKET & DELI (Continued)

S102829417

Consultant Contact First Name: Not reported
Consultant Contact Last Name: Not reported
Consultant Contact Address2: P. O. Box 3587
Consultant City: Johnson City
Consultant State: TN
Consultant Telephone: 423-283-4823
Owner ID: 2518
Owner Name: DENNIS & JANET MCINT
Owner Contact: Not reported
Owner Contact Title: Not reported
Owner Contact First Name: Not reported
Owner Contact Last Name: Not reported
Owner Address: RT 2 BOX 202 A
Owner City: BULLS GAP
Owner State: TN
Owner Zip Code: 37711
Owner Telephone: (615) 235-4425

LUST_JO:

Region: JOHNSON
Facility ID: 1300243
Facility Status: 8 Case Closed
Case Number: 1
Groundwater Class: 2 Non-Drinking Water
Section: FO
Responsible Party: DENNIS & JANET MCINT
RP Address: RT 2 BOX 202 A
Flag: CLOSED

3

BULLS GAP MARKET AND HARDWARE HIGHWAY 11 EAST BULLS GAP, TN 37711

LUST TRUST U001311887
UST N/A
HIST UST

LUST TRUST:

Facility Id: 1370014
Case Number: 1
Application Num: 93148
Tank Owner: APPALACHIAN OIL CO, INC
Owner Id: 352
Deductible: 10000
Applied Requested: Not reported
Applied Not Eligible: Not reported
Applied Net Pay: Not reported
Applied Deductible: Not reported
Applied Payment: Not reported
Total Requested: 95771.86
Total Not Eligible: 221.17
Total Paid: 85771.86
Total Net Pay: 95550.69
Facility Status: CLOSED

UST:

Facility ID: 1370014
Owner ID: 327342
Owner Name: MPI Equipment, LLC
Owner Address: 1992 Highway 75
Owner Address 2: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

Owner City,St,Zip:	Blountville, TN 37617
Owner Description:	Commercial
Facility Status:	Blountville, TN 37617
Regulated:	Regulated
Facility Description:	Gas Station
Tank Status:	Permanently Out of Use
Compartment Capacity:	550
Substance Description:	Not Listed
TankID:	4
CompartmentID:	A
TankMatDesc:	Asphalt Coated or Bare Steel
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	FALSE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	FALSE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	TRUE
PipeMatDesc:	Galvanized Steel
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	FALSE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	FALSE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Not reported
OverfillInstalled:	FALSE
SpillInstalled:	FALSE
CPMet:	FALSE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	12/07/1970
DateLastUsed:	Not reported
DateClosed:	Not reported
TankNoFee:	TRUE
Facility Status:	Blountville, TN 37617
Regulated:	Regulated
Facility Description:	Gas Station

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

Tank Status:	Permanently Out of Use
Compartment Capacity:	4000
Substance Description:	Gasoline
TankID:	2
CompartmentID:	A
TankMatDesc:	Asphalt Coated or Bare Steel
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	FALSE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	FALSE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	TRUE
PipeMatDesc:	Galvanized Steel
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	FALSE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	FALSE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Not reported
OverfillInstalled:	FALSE
SpillInstalled:	FALSE
CPMet:	FALSE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	12/07/1970
DateLastUsed:	07/01/1990
DateClosed:	02/19/1991
TankNoFee:	TRUE

Facility Status:	Blountville, TN 37617
Regulated:	Regulated
Facility Description:	Gas Station
Tank Status:	Permanently Out of Use
Compartment Capacity:	4000
Substance Description:	Gasoline
TankID:	3
CompartmentID:	A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

TankMatDesc:	Asphalt Coated or Bare Steel
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	FALSE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	FALSE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	TRUE
PipeMatDesc:	Galvanized Steel
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	FALSE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	FALSE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Not reported
OverfillInstalled:	FALSE
SpillInstalled:	FALSE
CPMet:	FALSE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	12/07/1970
DateLastUsed:	07/01/1990
DateClosed:	02/19/1991
TankNoFee:	TRUE
Facility Status:	Blountville, TN 37617
Regulated:	Regulated
Facility Description:	Gas Station
Tank Status:	Temporarily Out of Use
Compartment Capacity:	4000
Substance Description:	Gasoline
TankID:	5
CompartmentID:	A
TankMatDesc:	Cathodically Protected Steel-StiP3
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

TankInventoryControl:	FALSE
TankATG:	TRUE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	FALSE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	FALSE
PipeMatDesc:	Fiberglass Reinforced Plastic
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	TRUE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	FALSE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Automatic Shut Off Device
OverfillInstalled:	TRUE
SpillInstalled:	TRUE
CPMet:	TRUE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	09/01/1991
DateLastUsed:	11/15/2007
DateClosed:	Not reported
TankNoFee:	TRUE
Facility Status:	Blountville, TN 37617
Regulated:	Regulated
Facility Description:	Gas Station
Tank Status:	Temporarily Out of Use
Compartment Capacity:	4000
Substance Description:	Gasoline
TankID:	6
CompartmentID:	A
TankMatDesc:	Cathodically Protected Steel-StiP3
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	TRUE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

TankInterstitialSecondContain:	FALSE
TankSIR:	FALSE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	FALSE
PipeMatDesc:	Fiberglass Reinforced Plastic
PipeModDesc:	Not reported
PipeOtherMaterial:	Not reported
PipeRepaired:	FALSE
PipeTypeDesc:	Not reported
PipeAutoLineLeakDetection:	FALSE
PipeLineTightness:	TRUE
PipeVaporMonitoring:	FALSE
PipeGWMonitoring:	FALSE
PipeInterstitialDbIWalled:	FALSE
PipeInterstitialSecContain:	FALSE
PipeSIR:	FALSE
PipeLDOther:	FALSE
PipeLDDeferred:	FALSE
PipeLDNotListed:	FALSE
LDOtherMethods:	Not reported
OverfillType:	Automatic Shut Off Device
OverfillInstalled:	TRUE
SpillInstalled:	TRUE
CPMet:	TRUE
SmallDelivery:	FALSE
TankEmergen:	FALSE
FlexPipingType:	Not reported
YearFlexPipingInstalled:	Not reported
DateInstalled:	09/01/1991
DateLastUsed:	11/15/2007
DateClosed:	Not reported
TankNoFee:	TRUE
Facility Status:	Blountville, TN 37617
Regulated:	Regulated
Facility Description:	Gas Station
Tank Status:	Temporarily Out of Use
Compartment Capacity:	4000
Substance Description:	Gasoline
TankID:	7
CompartmentID:	A
TankMatDesc:	Cathodically Protected Steel-StiP3
TankModsDesc:	None
TankOtherMaterial:	Not reported
TankManualGauge:	FALSE
TankTightness:	FALSE
TankInventoryControl:	FALSE
TankATG:	TRUE
TankVaporMonitor:	FALSE
TankGWMonitor:	FALSE
TankInterstitialDbIWalled:	FALSE
TankInterstitialSecondContain:	FALSE
TankSIR:	FALSE
TankLDOther:	FALSE
TankLDDeferred:	FALSE
TankLDNotListed:	FALSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

PipeMatDesc: Fiberglass Reinforced Plastic
PipeModDesc: Not reported
PipeOtherMaterial: Not reported
PipeRepaired: FALSE
PipeTypeDesc: Not reported
PipeAutoLineLeakDetection: FALSE
PipeLineTightness: TRUE
PipeVaporMonitoring: FALSE
PipeGWMonitoring: FALSE
PipeInterstitialDbIWalled: FALSE
PipeInterstitialSecContain: FALSE
PipeSIR: FALSE
PipeLDOther: FALSE
PipeLDDeferred: FALSE
PipeLDNotListed: FALSE
LDOtherMethods: Not reported
OverfillType: Automatic Shut Off Device
OverfillInstalled: TRUE
SpillInstalled: TRUE
CPMet: TRUE
SmallDelivery: FALSE
TankEmergen: FALSE
FlexPipingType: Not reported
YearFlexPipingInstalled: Not reported
DateInstalled: 09/01/1991
DateLastUsed: 11/15/2007
DateClosed: Not reported
TankNoFee: TRUE

Facility Status: Blountville, TN 37617
Regulated: Regulated
Facility Description: Gas Station
Tank Status: Permanently Out of Use
Compartment Capacity: 6000
Substance Description: Gasoline
TankID: 1
CompartmentID: A
TankMatDesc: Asphalt Coated or Bare Steel
TankModsDesc: None
TankOtherMaterial: Not reported
TankManualGauge: FALSE
TankTightness: FALSE
TankInventoryControl: FALSE
TankATG: FALSE
TankVaporMonitor: FALSE
TankGWMonitor: FALSE
TankInterstitialDbIWalled: FALSE
TankInterstitialSecondContain: FALSE
TankSIR: FALSE
TankLDOther: FALSE
TankLDDeferred: FALSE
TankLDNotListed: TRUE
PipeMatDesc: Galvanized Steel
PipeModDesc: Not reported
PipeOtherMaterial: Not reported
PipeRepaired: FALSE
PipeTypeDesc: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

PipeAutoLineLeakDetection: FALSE
PipeLineTightness: FALSE
PipeVaporMonitoring: FALSE
PipeGWMonitoring: FALSE
PipeInterstitialDbIWalled: FALSE
PipeInterstitialSecContain: FALSE
PipeSIR: FALSE
PipeLDOther: FALSE
PipeLDDeferred: FALSE
PipeLDNotListed: FALSE
LDOtherMethods: Not reported
OverfillType: Not reported
OverfillInstalled: FALSE
SpillInstalled: FALSE
CPMet: FALSE
SmallDelivery: FALSE
TankEmergen: FALSE
FlexPipingType: Not reported
YearFlexPipingInstalled: Not reported
DateInstalled: 12/07/1970
DateLastUsed: 07/01/1990
DateClosed: 02/19/1991
TankNoFee: TRUE

HIST UST:

Facility ID: 1-370014
Facility Description: Gas Station
Owner ID: 352
Owner Name: Appalachian Oil Company, Inc.
Owner Address: 1992 Highway 70
Owner City,St,Zip: Blountville, TN 37617
Owner Telephone: (423) 323-5235
Owner Description: Commercial

Tank ID: 7
Tank Status: Currently in Use
Tank Capacity: 4000
Tank Contents: Gasoline
Tank Material: Cathodically Protected Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 09/01/1991
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Pressurized

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: True
Pipe Leak Detection Listed: False

Tank ID: 5
Tank Status: Currently in Use
Tank Capacity: 4000
Tank Contents: Gasoline
Tank Material: Cathodically Protected Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 09/01/1991
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Pressurized
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: True
Pipe Leak Detection Listed: False

Tank ID: 1
Tank Status: Permanently Out of Use
Tank Capacity: 6000
Tank Contents: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

Tank SIR: False
Overfill Installed: False
Spill Installed: False
Cathodic Protection: False
Date Installed: 12/07/1970
Tank Leak Detection Listed: True
Pipe Material: Galvanized Steel
Pipe Other Material: None
Pipe Type: Not Listed
Pipe Auto Line Leak Detect.: False
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: False
Pipe Leak Detection Listed: True

Tank ID: 2
Tank Status: **Permanently Out of Use**
Tank Capacity: 4000
Tank Contents: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: False
Overfill Installed: False
Spill Installed: False
Cathodic Protection: False
Date Installed: 12/07/1970
Tank Leak Detection Listed: True
Pipe Material: Galvanized Steel
Pipe Other Material: None
Pipe Type: Not Listed
Pipe Auto Line Leak Detect.: False
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: False
Pipe Leak Detection Listed: True

Tank ID: 6
Tank Status: **Currently in Use**
Tank Capacity: 4000
Tank Contents: Gasoline
Tank Material: Cathodically Protected Steel

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: True
Overfill Installed: True
Spill Installed: True
Cathodic Protection: True
Date Installed: 09/01/1991
Tank Leak Detection Listed: False
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: None
Pipe Type: Pressurized
Pipe Auto Line Leak Detect.: True
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: True
Pipe Leak Detection Listed: False

Tank ID: 3
Tank Status: Permanently Out of Use
Tank Capacity: 4000
Tank Contents: Gasoline
Tank Material: Asphalt Coated or Bare Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: False
Overfill Installed: False
Spill Installed: False
Cathodic Protection: False
Date Installed: 12/07/1970
Tank Leak Detection Listed: True
Pipe Material: Galvanized Steel
Pipe Other Material: None
Pipe Type: Not Listed
Pipe Auto Line Leak Detect.: False
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False

Map ID
Direction
Distance
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET AND HARDWARE (Continued)

U001311887

Pipe SIR: False
Pipe Leak Detection Listed: True

Tank ID: 4
Tank Status: Permanently Out of Use
Tank Capacity: 550
Tank Contents: Not Listed
Tank Material: Asphalt Coated or Bare Steel
Tank 2ndary Trait: None
Tank Manual Gauge: False
Tank Tightness: False
Tank Inventory Control: False
Tank ATG: False
Tank Vapor Monitor: False
Tank Groundwater Monitor: False
Tank Double Walled: False
Tank 2nd Contained: False
Tank SIR: False
Overfill Installed: False
Spill Installed: False
Cathodic Protection: False
Date Installed: 12/07/1970
Tank Leak Detection Listed: True
Pipe Material: Galvanized Steel
Pipe Other Material: None
Pipe Type: Not Listed
Pipe Auto Line Leak Detect.: False
Pipe Leak Detection Listed: False
Pipe Vapor Monitor: False
Pipe Groundwater Monitor: False
Pipe Dbl Walled: Not reported
Pipe 2nd Contained: False
Pipe SIR: False
Pipe Leak Detection Listed: True

**3 BULLS GAP MARKET & HARDWARE
HWY 11 E
BULLS GAP, TN 37711**

**LUST S101134839
LUST_JO N/A
HIST_LUST CO**

LUST:
Region: STATE
Region Number: 1
Facility Id: 1370014
Current Status: 8 Case Closed
Product Released: Not reported
Discovery Date: 25-Jan-91
How Discovered: 1 At Closure
Cause: 7 Unknown
Case Number: 1
Case Manager: JLH
Case Description: Not reported
Section: FO
Priority: Not reported
Consultant ID: C0162
Consultant Name: Environmental Pollution Services
Consultant Contact: Dale Schreiber
Consultant Contact Title: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BULLS GAP MARKET & HARDWARE (Continued)

S101134839

Consultant Contact First Name: Not reported
Consultant Contact Last Name: Not reported
Consultant Contact Address2: 2020 Hwy. IIE
Consultant City: Jonesborough
Consultant State: TN
Consultant Telephone: 615-753-2227
Owner ID: 352
Owner Name: APPALACHIAN OIL COMP
Owner Contact: Not reported
Owner Contact Title: Not reported
Owner Contact First Name: Not reported
Owner Contact Last Name: Not reported
Owner Address: C.S. 1500
Owner City: BLOUNTVILLE
Owner State: TN
Owner Zip Code: 37617
Owner Telephone: (615) 323-5235

LUST_JO:

Region: JOHNSON
Facility ID: 1370014
Facility Status: 8 Case Closed
Case Number: 1
Groundwater Class: 2 Non-Drinking Water
Section: FO
Responsible Party: APPALACHIAN OIL COMP
RP Address: C.S. 1500
Flag: CLOSED

HIST_LUST CO:

Region: COLUMBIA
Facility ID: 1-370014
Owner: APPALACHIAN OIL COMPANY
Leak ID: 1
Investigator: SRB

4

JAMES & HUGH GOAN
273 HWY 11E
BULLS GAP, TN 37711

LUST S105694781
LUST_JO N/A

LUST:

Region: STATE
Region Number: 1
Facility Id: 1370127
Current Status: 1a Completed Tank Closure
Product Released: Not reported
Discovery Date: Not reported
How Discovered: Not reported
Cause: Not reported
Case Number: 1
Case Manager: CDL
Case Description: 2-6K G, 1-4K G
Section: FO
Priority: Not reported
Consultant ID: C0162
Consultant Name: Schreiber and Associates
Consultant Contact: Dale Schreiber

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JAMES & HUGH GOAN (Continued)

S105694781

Consultant Contact Title:	Not reported
Consultant Contact First Name:	Not reported
Consultant Contact Last Name:	Not reported
Consultant Contact Address2:	P. O. Box 3587
Consultant City:	Johnson City
Consultant State:	TN
Consultant Telephone:	423-283-4823
Owner ID:	4789
Owner Name:	JAMES & HUGH GOAN
Owner Contact:	Not reported
Owner Contact Title:	Not reported
Owner Contact First Name:	Not reported
Owner Contact Last Name:	Not reported
Owner Address:	156 Gutheries Gap Rd.
Owner City:	Bulls Gap
Owner State:	TN
Owner Zip Code:	37711
Owner Telephone:	Not reported

LUST_JO:

Region:	JOHNSON
Facility ID:	1370127
Facility Status:	1a Completed Tank Closure
Case Number:	1
Groundwater Class:	1 Drinking Water
Section:	FO
Responsible Party:	JAMES & HUGH GOAN
RP Address:	156 Gutheries Gap Rd.
Flag:	CLOSED

Count: 78 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BULLS GAP	S105694780	BY LO MARKET # 2	RT 1		LUST, LUST_JO
BULLS GAP	S101134849	ST CLAIR MARKET	RT 1	37711	HIST_LUST CO
BULLS GAP	U004163327	J AND SUPPLY	HWY 11 E	37711	UST
BULLS GAP	U004163253	BULL GAPS GEN STORE	230 HWY 11 E	37711	UST
BULLS GAP	U003609234	J AND SUPPLY	HWY 11 E		LUST, LUST_JO, LUST TRUST, HIST UST
BULLS GAP	U004163325	JAMES AND HUGH GOAN	RT 2	37711	UST
BULLS GAP	S105694775	BULL GAPS GEN STORE	RT 2		LUST, LUST_JO
BULLS GAP	S107459612	TONY'S TRUCK STOP/SUNSHINE MOTEL	RT 2	37711	LUST
BULLS GAP	U001916797	JAMES AND HUGH GOAN	RT 2	37711	HIST UST
BULLS GAP	U004163269	GOSHEN VALLEY GROCERY	RT 6	37711	UST
BULLS GAP	U003609186	GOSHEN VALLEY GROCERY	RT 6	37711	HIST UST
BULLS GAP	S105694776	BULLS GAP SCHOOL	BULLS GAP		LUST, LUST_JO
BULLS GAP	U004163254	BULLS GAP SCHOOL	NEWBERRY HWY	37711	UST
BULLS GAP	1004782005	SOUTH CENTAL BELL BLGPTNMA	U S HIGHWAY 11 E	37711	RCRA-NonGen, FINDS
KINGSPORT	S105694738	OMS #17	HWY 11 W	37857	LUST, LUST_JO
ROGERSVILLE	U004163278	H O WILLIAMS EXXON	RT 1	37857	LUST, UST
ROGERSVILLE	U004163250	K C COUNTRY STORE	RT 1	37857	UST
ROGERSVILLE	U004163303	SHORTS GROCERY	RT 1	37857	UST
ROGERSVILLE	U003609192	H O WILLIAMS EXXON	RT 1	37857	HIST UST
ROGERSVILLE	U003609214	SHORTS GROCERY	RT 1	37857	HIST UST
ROGERSVILLE	U003179025	K C COUNTRY STORE	RT 1	37857	HIST UST
ROGERSVILLE	U004163308	SOUTHLAND GROCERY	RT 11	37857	UST
ROGERSVILLE	U004183920	ODESSA FAIN	5274 HWY 11 W	37857	UST
ROGERSVILLE	U002098428	TOWN AND COUNTY MARKET OF ROGERSVILLE	5147 HWY 11 W	37857	LUST, LUST_JO, UST, HIST UST
ROGERSVILLE	U003745291	ARROWHEAD MARKET AND DELI	7497 HWY 11 W	37857	HIST UST
ROGERSVILLE	U003609219	SOUTHLAND GROCERY	RT 11	37857	HIST UST
ROGERSVILLE	1009692917	ARROWHEAD MARKET AND DELI	7495 HWY 11 W	37857	FINDS, UST
ROGERSVILLE	U004163292	PIPELINE CONSTRUCTION CO INC	RT 3	37857	LUST, UST
ROGERSVILLE	U003609205	PIPELINE CONSTRUCTION CO INC	RT 3	37857	HIST UST
ROGERSVILLE	U004163332	HERITAGE MANOR-ROGERSVILLE	RT 4	37857	UST
ROGERSVILLE	U004163341	DOROTHY HALL	RT 5	37857	UST
ROGERSVILLE	U003609245	DOROTHY HALL	RT 5	37857	HIST UST
ROGERSVILLE	U004163260	COUNTY LINE SUPERETTE	RT 6	37857	UST
ROGERSVILLE	U004163249	GARY C. ARNOLD	RT 6	37857	UST
ROGERSVILLE	U004183917	DOOGEY'S KUNTRY STORE	RT 6	37857	UST
ROGERSVILLE	S108147745	DOOGEY'S KUNTRY STORE	2727 RT 6 S	37857	LUST
ROGERSVILLE	U001906174	DOOGEY'S KUNTRY STORE	RT 6	37857	HIST UST
ROGERSVILLE	U003609170	GARY C. ARNOLD	RT 6	37857	HIST UST
ROGERSVILLE	U003609179	COUNTY LINE SUPERETTE	RT 6	37857	HIST UST
ROGERSVILLE	A100065726	DOOGEY'S KUNTRY STORE	RT. 6. HWY 66	37857	AST
ROGERSVILLE	U004163284	LAKESIDE MARKET	HWY 66	37857	LUST, UST
ROGERSVILLE	U004163288	LYONS CONSTRUCTION CO	HWY 66	37857	LUST, UST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ROGERSVILLE	U004163309	SOUTHSIDE MARKET	2928 HWY 66 S	37857	UST
ROGERSVILLE	U004163300	ZOOMERZ # 53	4335 HWY 66 S	37857	LUST, UST
ROGERSVILLE	U004183914	KMART # 9301	311 HWY 66 S	37857	LUST, UST
ROGERSVILLE	U003609201	LYONS CONSTRUCTION CO	HWY 66	37857	HIST UST
ROGERSVILLE	U003609198	LAKESIDE MARKET	HWY 66	37857	HIST UST
ROGERSVILLE	U004183915	PERSIA GENERAL STORE	RT 7 E	37857	UST
ROGERSVILLE	U002098399	PERSIA GENERAL STORE	RT 7 E	37857	HIST UST
ROGERSVILLE	U004163329	MULLIN'S GROCERY	1196 HWY 70 N	37857	LUST, UST
ROGERSVILLE	U004163276	ROADSIDE MARKET	RT 9	37857	UST
ROGERSVILLE	1003869812	PRESSMAN HOME	ROUTE 9, HWY 94	37857	CERC-NFRAP
ROGERSVILLE	1000381187	TRASH INC	AUSTIN MILL RD	37857	RCRA-NonGen, FINDS
ROGERSVILLE	U003609223	T. R.A.S.H. INC	AUSTIN MILL RD	37857	HIST UST
ROGERSVILLE	U004163313	T. R.A.S.H. INC	122 AUSTIN MILL RD	37857	LUST, UST
ROGERSVILLE	U004163279	MINDIS RECYCLING	AUSTINS MILL RD	37857	LUST, UST
ROGERSVILLE	1000916560	PINKSTON DON K	BULLS GAP RD	37857	RCRA-NonGen, FINDS
ROGERSVILLE	1004782035	SOUTH CENTRAL BELL RRVLTNMA	324 CHURCH STREET	37857	RCRA-NonGen, FINDS
ROGERSVILLE	U004163285	MARTY LAWSON	FRIENDSHIP ROAD HWY	37857	UST
ROGERSVILLE	U003609199	MARTY LAWSON	FRIENDSHIP ROAD HWY	37857	HIST UST
ROGERSVILLE	1000917957	PERRY PRINTING	HILLCREST ST	37857	RCRA-NonGen, FINDS
ROGERSVILLE	U001313680	EAST MARKET ST 66	100 E MAIN ST	37857	LUST, LUST_JO, HIST UST
ROGERSVILLE	U004163267	EAST MARKET ST 66	100 E MAIN ST	37857	UST
ROGERSVILLE	U004163274	HAWKINS CO RESCUE SQD	MAIN ST	37857	UST
ROGERSVILLE	U003609207	RALEY VAUGHN MOTOR CO INC	E MAIN ST	37857	HIST UST
ROGERSVILLE	U003609227	WEST MAIN TEXACO	W MAIN ST	37857	HIST UST
ROGERSVILLE	U003609189	HAWKINS CO RESCUE SQD	MAIN ST	37857	HIST UST
ROGERSVILLE	U004163317	WEST MAIN TEXACO	W MAIN ST	37857	LUST, UST
ROGERSVILLE	U004163275	TO-GO MARKET	1213 MAIN ST	37857	LUST, UST
ROGERSVILLE	U004163294	RALEY VAUGHN MOTOR CO INC	100 E MAIN ST	37857	LUST, UST
ROGERSVILLE	S105694784	GULF SERVICE STATION	E MAIN ST	37857	LUST, LUST_JO
ROGERSVILLE	U004163251	BAKER GROCERY	STATE HWY	37857	UST
ROGERSVILLE	U003609171	BAKER GROCERY	STATE HWY	37857	HIST UST
WHITESBURG	U004164668	FOUR WAY GROCERY	RT 1	37891	UST
WHITESBURG	U003610356	FOUR WAY GROCERY	RT 1	37891	HIST UST
WHITESBURG	U004164759	WALKER SERVICE STATION	HWY 11 E	37891	UST
WHITESBURG	U003610441	WALKER SERVICE STATION	HWY 11 E	37891	HIST UST
WHITESBURG	1000915034	CULLEY ENGINEERING MFG CO INC	CHURCH ST	37891	RCRA-NonGen, FINDS

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.

FEDERAL RECORDS

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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

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: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional 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.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/07/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/21/2012
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

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: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

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: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

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.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

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: 09/28/2011	Source: EPA
Date Data Arrived at EDR: 12/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/14/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Annually

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: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/11/2012
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: No Update Planned

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: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 03/07/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Semi-Annually

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Every 4 Years

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: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

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: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Annually

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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/09/2012
	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: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/20/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 04/30/2012
	Data Release Frequency: Annually

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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/12/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Quarterly

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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 01/12/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/23/2012
	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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

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

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Biennially

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

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: 04/26/2011
Date Data Arrived at EDR: 07/11/2011
Date Made Active in Reports: 08/17/2011
Number of Days to Update: 37

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Semi-Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2012
Date Data Arrived at EDR: 03/08/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 21

Source: Department of Environment and Conservation
Telephone: 615-532-0804
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

SWRCY: Recycling Facilities Listing

A listing of recycling facility locations.

Date of Government Version: 12/09/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/09/2012
Number of Days to Update: 26

Source: Department of Environment & Conservation
Telephone: 615-532-8657
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

LUST: Fund Eligible Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank site locations.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 02/22/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 36

Source: Department of Environment and Conservation
Telephone: 615-532-0945
Last EDR Contact: 02/22/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

LUST_JO: Leaking Underground Storage Tanks Sites

Leaking UST sites in Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi and Washington counties.

Date of Government Version: 08/02/2005
Date Data Arrived at EDR: 08/03/2005
Date Made Active in Reports: 09/07/2005
Number of Days to Update: 35

Source: Department of Environmental Conservation, Johnson City Field Office
Telephone: 423-854-5441
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
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: 01/31/2012
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 20

Source: Department of Environment & Conservation
Telephone: 615-532-0971
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 10/24/1994
Date Made Active in Reports: 12/30/1994
Number of Days to Update: 67

Source: Department of Environmental Conservation, Columbia Field Office
Telephone: 931-380-3371
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: No Update Planned

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: 12/05/2011
Date Data Arrived at EDR: 02/22/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 36

Source: Department of Environment and Conservation
Telephone: 615-532-0945
Last EDR Contact: 02/22/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/05/2011
Date Data Arrived at EDR: 02/22/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 36

Source: Department of Environment & Conservation
Telephone: 615-532-0945
Last EDR Contact: 02/22/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: No Update Planned

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 10/01/1999
Date Data Arrived at EDR: 10/12/1999
Date Made Active in Reports: 11/05/1999
Number of Days to Update: 24

Source: Department of Environment and Conservation
Telephone: 615-532-0965
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: No Update Planned

DEL SHWS: Deleted State Hazardous Waste Sites

A listing of sites removed from the Promulgated Sites Listing.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 43

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

LIENS: Liens Information

A listing of sites with environmental liens information.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 43

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

SPILLS: State Spills

A listing of spills locations.

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 42

Source: Department of Environment & Conservation
Telephone: 615-532-0109
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

ENG CONTROLS: Engineering Control Sites

Sites that have engineering controls.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/09/2012
Number of Days to Update: 49

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

INST CONTROL: Institutional Control Sites

Sites that have institutional controls.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/09/2012
Number of Days to Update: 49

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 43

Source: Department of Environmental & Conservation
Telephone: 615-532-0912
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

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: 02/21/2012
Date Data Arrived at EDR: 02/22/2012
Date Made Active in Reports: 03/30/2012
Number of Days to Update: 37

Source: Department of Environment & Conservation
Telephone: 615-532-0853
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

PRIORITY CLEANERS: DCERP Remediation Sites Listing

Drycleaner Environmental Response Program remediation sites.

Date of Government Version: 01/24/2012
Date Data Arrived at EDR: 01/31/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 24

Source: Department of Environment & Conservation
Telephone: 615-253-3876
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
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: 05/02/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 08/18/2011
Number of Days to Update: 13

Source: Dept. of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 01/27/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

BROWNFIELDS: Superfund VOAP Listing

Brownfields sites included on the Superfund Voluntary Cleanup, Oversight & Assistance Program listing.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 43

Source: Department of Environment & Conservation
Telephone: 615-532-0912
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/12/2012
Data Release Frequency: Varies

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: 01/19/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 15

Source: Department of Environment & Conservation
Telephone: 615-532-0900
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/08/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 48

Source: Department of Environment & Conservation
Telephone: 615-253-2245
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

AIRS: Listing of Permitted Sources

A listing of permitted sources issued by the Division of Air Pollution Control.

Date of Government Version: 11/23/2011
Date Data Arrived at EDR: 11/30/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 22

Source: Department of Environment & Conservation
Telephone: 615-532-0545
Last EDR Contact: 03/05/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

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: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/14/2012
	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: 12/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/07/2011	Telephone: 415-972-3372
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

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: 10/01/2011	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/03/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Semi-Annually

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: 07/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 08/26/2011	Telephone: 312-886-6136
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/03/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Varies

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: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/14/2012
	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: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

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: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Semi-Annually

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 01/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

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: 11/28/2011	Source: EPA Region 9
Date Data Arrived at EDR: 11/29/2011	Telephone: 415-972-3368
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/14/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/04/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 10/04/2011	Telephone: 617-918-1102
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

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

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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 treatment facility.

Date of Government Version: 02/20/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/20/2012	Telephone: 860-424-3375
Date Made Active in Reports: 03/15/2012	Last EDR Contact: 02/20/2012
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/04/2012
	Data Release Frequency: Annually

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: 01/10/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/09/2012	Telephone: 518-402-8651
Date Made Active in Reports: 03/09/2012	Last EDR Contact: 02/09/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/21/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009

Date Data Arrived at EDR: 01/26/2012

Date Made Active in Reports: 03/06/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: 717-783-8990

Last EDR Contact: 01/23/2012

Next Scheduled EDR Contact: 05/07/2012

Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010

Date Data Arrived at EDR: 06/24/2011

Date Made Active in Reports: 06/30/2011

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 401-222-2797

Last EDR Contact: 02/27/2012

Next Scheduled EDR Contact: 06/11/2012

Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 02/22/2012

Date Data Arrived at EDR: 02/28/2012

Date Made Active in Reports: 04/05/2012

Number of Days to Update: 37

Source: Department of Environmental Conservation

Telephone: 802-241-3443

Last EDR Contact: 01/23/2012

Next Scheduled EDR Contact: 05/07/2012

Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010

Date Data Arrived at EDR: 08/19/2011

Date Made Active in Reports: 09/15/2011

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/19/2012

Next Scheduled EDR Contact: 07/02/2012

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory


Source: Tennessee Spatial Data Server

Telephone: 931-528-6481

Tennessee Lust TDEC: In 1998 EDR reviewed technical reports, phase II reports and phase II report equivalents held by the Tennessee Department of Environment and Conservation and recorded data on leaking underground storage tanks in Davidson, Knox, and Shelby counties.

STREET AND ADDRESS INFORMATION

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700 NORTH MAIN
700 NORTH MAIN
BULLS GAP, TN 37711

Inquiry Number:
April 17, 2012

EDR Site Report™

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. Page 7

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 700 NORTH MAIN 700 NORTH MAIN BULLS GAP, TN 37711 EDR ID #2000522610
AREA	
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	YES - p4
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

700 NORTH MAIN
700 NORTH MAIN
BULLS GAP, TN 37711
EDR ID #2000522610

ERNS:

Site ID:	2000522610
Incident cause:	OTHER
Incident desc:	A FORK LIFT PUNCTURED A TRACTOR TRAILER'S SADDLE TANK CAUSING A SPILL.
Incident type:	MOBILE
Incident date:	20000310
Incident TG:	OCCURRED
Inc location:	Not reported
Incident address:	700 NORTH MAIN BULLS GAP, TN 37711
Distance from city:	Not reported
Lat/Long:	/
Lat/Long quad:	/
Incident date:	03/10/2000
Township/section/range:	//
WMD flag:	False
Rad flag:	False
Oil flag:	Not reported
Potential:	Not reported
Amt material flag:	Not reported
LNG flag:	Not reported
Fire involved:	No
Fire extinguished:	Unknown
Any evacuees:	No
Number of evacs:	Not reported
Who evacuated:	Not reported
Radius of evacuation:	Not reported
Any injuries:	No
Number injured:	Not reported
Number hospitalized:	Not reported
Any fatalities:	No
Any damage:	No
Damage amount:	Not reported
Air corridor desc:	Not reported
Air corridor closed:	Not reported
Water description:	Not reported
Water closed:	No
Water closed time:	Not reported
Road closed:	No
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	No
Track closed:	No
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	NONE
Medium affected:	LAND
Additional medium:	CONCRETE
Body of water:	Not reported
Tributary:	Not reported
Near river:	0
Release secured:	Yes
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	USING SORBENTS TO CLEAN UP THE SPILL. THE SOURCE HAS BEEN SECURED.
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	Not reported
Fed. agency notified:	Not reported
Structure name:	Not reported
Structure type:	Not reported
Struct. operator:	Not reported
Weather:	Not reported
Air temp:	0
Wind speed:	0

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Unknown
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	M
Current direction:	Not reported
Water temp:	Not reported
Allision:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	No
Offshore:	No
Addition info:	THE CALLER HAD NO OTHER INFORMATION.

Aircraft type:	Not reported
Aircraft model:	Not reported
Aircraft ID:	Not reported
Aircraft fuel cap:	Not reported
Capacity units:	Not reported
Fuel onboard:	Not reported
Fuel units:	Not reported
Spot number:	Not reported
AC hanger:	Not reported
AC runway:	Not reported
Mile marker:	Not reported
Building ID:	Not reported
Type fixed obj:	Not reported
Power gen facility:	Not reported
Generation capacity:	Not reported
Fuel type:	Not reported
NPDES:	Not reported
NPDES compliance:	Not reported
Pipe type:	Not reported
DOT regulated:	Not reported
Pipe above:	Not reported
Exposed underwtr:	Not reported
Pipe covered:	Not reported
Railroad hotline:	Not reported
Grade crossing:	Not reported
Location subdivision:	Not reported
Railroad milepost:	Not reported
Vehicle type:	Not reported
Crossing device:	Not reported
Device operational:	Not reported
DOT crossing #:	Not reported
Brakes failed:	Not reported
Tank description:	Not reported
Above ground tank:	Not reported
Tank regulated:	Not reported
Tank ID:	Not reported
Tank regulated by:	Not reported
Tank capacity:	Not reported
Capacity units:	Not reported
Actual amount:	Not reported
Amount units:	Not reported
Transportable container:	Not reported
Platform rig name:	Not reported
Platform letter:	Not reported
Local area ID:	Not reported
Local block ID:	Not reported
OCSG number:	Not reported
State lease #:	Not reported
Pier dock #:	Not reported
Berth slip #:	Not reported
Initial continuous rel #:	Not reported
Cont. rel permit:	Not reported
Allision:	Not reported
Structure type:	Not reported
Structure:	Not reported
Structure operator:	Not reported
Air bag deployed:	Not reported
Date time normal srv:	Not reported
Service disruption time:	Not reported

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Transit bus flag:	Not reported
Begin date:	Not reported
End date:	Not reported
Change date:	Not reported
Call received date:	20000310
Complete date:	20000310
Call Taker:	MSR2024
Call Type:	INC
Responsible Party:	WAYNE LUCAS
RP telephone:	4232354113
RP tel type:	PRIMARY
Responsible company:	ERWIN INDUSTRIES
RC organization type:	PRIVATE ENTERPRISE
PR address:	700 NORTH MAIN BULLS GAP, TN 37711
Initial caller:	Not reported
Initially reported comp.:	Not reported
On behalf:	Yes
Source:	UNAVAILABLE
Spilled material:	OIL, FUEL: NO. 2-D
Material CHRIS code:	OTD
Mat. CAS number:	000000-00-0
Material UN #:	Not reported
Amount of spilled mat.:	20
Mat. amount unit:	GALLON(S)
Mat. reached water:	NO
Amount in water:	0
Amount in water units:	Not reported
Involved vehicle #:	UNKNOWN
Trailer #:	Not reported
Vehicle Year:	Not reported
Vehicle make:	Not reported
Vehicle model:	Not reported
Vehicle type:	COMMERCIAL TRUCK
Veh. fuel cap:	Not reported
Cargo capacity:	Not reported
Cargo cap units:	Not reported
Cargo amount:	Not reported
Cargo amount units:	Not reported
HAZMAT:	No
Carrier licensed:	No
Hazmat noncompliance:	No

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011

Database Release Frequency: Annually

Date of Last EDR Contact: 04/03/2012

Date of Next Scheduled Update: 07/16/2012

APPENDIX E

Site Photographs



1. View of the east side of the SR 34 and SR 66 intersection (Sheet 3).



2. View of the west side of the SR 34 and SR 66 intersection (Sheet 3).



3. Typical view of the ROW looking north (Sheet 3).



4. View of a doctor's office in the ROW (Sheet 3).



5. View of a house in the ROW (Sheet 3).



6. View of a house in the ROW (Sheet 3).



7. View of the ROW in the south portion of Sheet 4.



8. View of a house in the ROW (Sheet 4).



9. View of a house in the ROW (Sheet 4).



10. View of a house in the ROW (Sheet 4).



11. View of the ROW in the north portion of Sheet 4.



12. View of mobile homes in the ROW (Sheet 5).



13. View of a house in the ROW (Sheet 5).



14. View of a vehicle junk yard in the south portion of (Sheet 5).



15. View of a vehicle junk yard in the south portion of (Sheet 5).



16. View of a house in the ROW (Sheet 5).



17. View of an intersection and woods in the south portion of Sheet 5.



18. View of the ROW in the central portion of Sheet 5.



19. View of the ROW in the north portion of Sheet 5.



20. View of the ROW in the southwest portion of Sheet 6.



21. View of the ROW in the central portion of Sheet 6.



22. View of a mobile home in the ROW (Sheet 6).



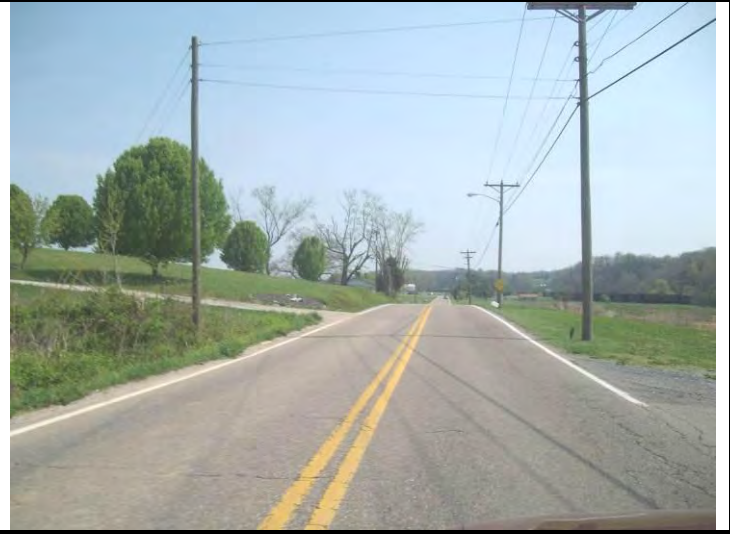
23. View of a mobile home in the ROW (Sheet 6).



24. View of the ROW in the east portion of Sheet 7.



25. View of a house in the ROW (Sheet 7).



26. View of the ROW in the central portion of Sheet 7.



27. View of a house in the ROW (Sheet 7).



28. View of a mobile home near the ROW (Sheet 7).



29. View of trailers and equipment near the ROW in the west portion of (sheet 7).



30. View of the ROW in the central portion of Sheet 8.



31. View of a house in the ROW (Sheet 8).



32. View of a mobile home near the ROW (Sheet 8).



33. View of the ROW crossing Pleasant Hill Rd (Sheet 8).



34. View of the ROW in the north portion of Sheet 8.



35. View of the ROW in the southwest portion of Sheet 9.



36. View of a shed in the ROW (Sheet 9).



37. View of two approximate 100-gallon diesel ASTs in the ROW (Sheet 9).



38. View of the ROW in the central portion of Sheet 9.



39. View of the ROW in the northeast portion of Sheet 9.



40. View of the ROW in the west portion of Sheet 10.



41. View of a house in the ROW (Sheet 10).



42. View of a shed in the ROW (Sheet 10).



43. View of trailers in the ROW (Sheet 10).



44. View of a house in the ROW (Sheet 10).



45. View of a house in the ROW (Sheet 10).



46. View of the ROW in the east portion of Sheet 10.



47. View of the ROW in the south portion of Sheet 11.



48. View of the ROW in the central portion of Sheet 11.



49. View of the ROW in the north portion of Sheet 11.



50. View of a mobile home in the ROW (Sheet 11).



51. View of the ROW in the south portion of Sheet 12.



52. View of a barn in the ROW (Sheet 12).



53. View of an approximate 500-gallon AST in the ROW (Sheet 12).



54. View of the central portion of the ROW (Sheet 12).



55. View of a house in the ROW (Sheet 12).



56. View of the north portion of the ROW (Sheet 12).



57. View of the southwest portion of the ROW (Sheet 13).



58. View of a house in the ROW (Sheet 13).



59. View of a house in the ROW (Sheet 13).



60. View of a house in the ROW (Sheet 13).



61. View of the ROW in the central portion of Sheet 13.



62. View of a house in the ROW (Sheet 13).



63. View of the ROW in the northeast portion of Sheet 13.



64. View of a house in the ROW (Sheet 14).



65. View of the ROW in the west portion of Sheet 14.



66. View of a house in the ROW (Sheet 14).



67. View of the ROW in the central portion of Sheet 14.



68. View of a house in the ROW (Sheet 14).



69. View of the ROW near Tiger Towing in the east portion of Sheet 14.



70. Typical view of the bypass exit ramp area (Sheet 1).



71. Typical view of the bypass exit ramp area (Sheet 1).



72. Typical view of the bypass exit ramp area (Sheet 1).



73. Typical view of the bypass exit ramp area (Sheet 1).



74. Typical view of the bypass exit ramp area (Sheet 1).



75. Typical view of the bypass exit ramp area (Sheet 1).



76. Typical view of the bypass exit ramp area (Sheet 1).



77. Typical view of the bypass exit ramp area (Sheet 1).



78. Typical view of the bypass exit ramp area (Sheet 1).

APPENDIX F

Credentials

JOEL T. RUSSELL

Field Environmental Scientist

PROFESSIONAL EXPERIENCE

Mr. Russell is a Field Environmental Scientist in Terracon's Nashville office. He has five years of experience within the environmental field. He is responsible for conducting Phase I Environmental Site Assessments (ESA), Limited Site Investigations (LSI), NEPA reviews and Hazardous Materials Surveys including Asbestos and Lead-based paint surveys and completing the reports for corresponding projects. This also includes conducting tasks such as bulk sampling and clearance air monitoring. Mr. Russell has completed over one hundred Phase I ESAs under the supervision of an environmental professional. Additionally, Mr. Russell has completed over 10 LSIs.

AREAS OF EXPERTISE

- Asbestos/Lead-based paint surveys
- Hazardous Material Surveys
- Phase I ESAs
- LSIs

PROJECT EXPERIENCE

- **State of Tennessee Asbestos Management Program**
Asbestos inspector for the State Asbestos Management Program. Conducted over 350 building asbestos field surveys within a two year time frame. These surveys included the use of digital room data collection via hand held PDA device and upload to an Access database and Web based data collection systems. Included asbestos sample collection, field assessment of asbestos containing materials, scaled drawing preparation and consultation with field and State personnel.
- **Hazmat Surveys**
Conducted numerous asbestos and lead based paint hazardous materials surveys. Tasks include conducting building field surveys and writing reports based on laboratory data.
- **National Environmental Policy Act (NEPA) Reviews**
 - Written numerous NEPA and limited NEPA reports for telecommunication tower construction and antenna collocations
- **Phase I Environmental Site Assessments**
Performed multiple Phase I ESAs for raw-land and developed sites in Tennessee. Also performed numerous Phase I ESAs for both existing and planned telecommunication towers in the southeastern US.
- **Limited Site Investigations**
Performed multiple LSIs including subsurface soil and groundwater sampling and sub-slab vapor sampling.

Additional Courses

Vapor Intrusion – Regulations, Monitoring, Management and Mitigation Seminar; Land Science Technologies, Nashville, Tennessee 2010

EDUCATION

Bachelors Degree – Western Kentucky University – 2006

Geology and Geography

CERTIFICATIONS

AHERA Building Inspector

40hr Hazwoper Training

WORK HISTORY

Terracon Consultants, Inc., Professional Field Specialist, 2007-present

JAMES A. DUNCAN, M.B.A., P.E.

ENVIRONMENTAL DEPARTMENT MANAGER / PRINCIPAL

PROFESSIONAL EXPERIENCE

Mr. Duncan is a Principal of the Company and is the Environmental Department Manager in Terracon's Nashville office. He is responsible for business development for the department, direction and supervision of staff, review of staff's written reports, review of profit/loss statements, and payables and receivables for the department. He also conducts and supervises Phase I and II Environmental Assessments, Asbestos/Lead surveys, Property Condition Assessments (PCAs) and National Environmental Policy Act (NEPA) assessments and Environmental Assessments and mitigation. Mr. Duncan is responsible for project coordination, assessment, report preparation and submittal for underground storage tanks (USTs) and other State/Federally regulated aspects of the constructed environment. Mr. Duncan has had experience with subsurface soil/groundwater conditions and federal/state regulatory requirements in Tennessee, Georgia, Alabama, Florida, Indiana, Arkansas, Mississippi and Kentucky.

AREAS OF EXPERTISE

- Phase I / II / III Environmental Site Assessments
- Identification of and surveys for hazardous building materials including asbestos, radon, lead based paint, and mold
- Underground Storage Tank investigations, remediation, and permitting
- NEPA Studies and evaluations
- Historical, architectural, archaeological investigations and section documentation
- NEPA required Environmental Assessments and mitigation measures
- Property Condition Assessments for commercial and industrial structures

PROJECT EXPERIENCE

- **State of Tennessee Asbestos Management Program**
Project includes asbestos surveys of all 7,200 State-owned buildings, development of Asbestos O&M plans, development/implementation of State employee training program, and development of Statewide Web accessible asbestos database system. Directly responsible for overall management of this \$5M program. Responsible for setting direction of the program and interacting with State ISM Department on database requirements/specifications and interacting with other State departments to determine program requirements and needs. Responsible for developing and implementing a training program for field staff utilized on this project. Developed a Policy and Procedures manual for conducting field surveys and for overall project program implementation. Initiated direction with State of Tennessee F&A Department in expanding the program to include Web applications, GPS data collection and Statewide addressing system. Responsible for financial oversight of the project and acts as lead liaison with State F&A Department.
- **EPA Brownfield Grant Program, City of Clarksville, Tennessee**
Project included compilation of assessments of 1,300 acres of commercial, private, and government owned properties in downtown Clarksville, Tennessee. Under the EPAs Petroleum Assessment Grant program, Terracon conducted historical research to determine locations of suspect petroleum facilities and/or impact. This assessment included

EDUCATION

*Bachelor of Science, Civil Engineering,
1987, University of Wyoming*

*Masters of Business Administration, Middle
Tennessee State University, 1999*

REGISTRATIONS

Professional Engineer: Tennessee

CERTIFICATIONS

*40 Hour OSHA Hazardous Waste
Operations Training*

AHERA Asbestos Inspector

AHERA Asbestos Management Planner

PADI Open Water Diver Certification

AFFILIATIONS

American Society of Civil Engineers

WORK HISTORY

*Terracon, Senior Project Engineer, 1996-
present*

*ATEC Associates, Project Engineer, 1989-
1996*

*L. Jacobs & Associates, Project Engineer,
1987-1989*

physical site reconnaissance, desktop review of regulatory and historic documents and interviews with landowners. Once individual properties were determined as potential petroleum facilities or potentially impacted by petroleum, Terracon created a needs hierarchy to quantify and categorize the properties into different assessment categories so that the City and Public Officials could make educated decisions on which properties to assess further under the Grant program for potential development. As part of the Grant program, Terracon assessed 300 individual properties, completed 24 Phase I ESAs and provided the City with a Public Awareness program.

- **Environmental and NEPA Assessments at Telecommunication Tower Projects, Southeast, USA**

Conducted Phase I Environmental Site Assessments associated with acquisition of approximately 3,000 planned telecommunication tower parcels. Provided site selection and evaluation studies. Provided NEPA assessments including preparation of Environmental Assessments to comply with NEPA. Provided appropriate mitigation measures in the NEPA required Environmental Assessment process, including consultation with appropriate State and Federal agencies. Also conducted floodplain and wetland analysis/investigations, including appropriate mitigation measures.

- **NEPA, Biological, Cultural Resources Studies at TDOT Bridge Realignment, East Tennessee**

Conducted biological assessments, wetland assessments, NEPA studies and aquatic species assessments to determine potential for impact from planned bridge realignments at 5 major water crossings in East Tennessee. Assessments included evaluating potential for presence of threatened and endangered species habitats in accordance with Section 7 of the Endangered Species Act, consultation with the State Historic Preservation Office, completion of wetland determination and delineations.

- **Soil and Groundwater Impact Assessment at Target Store, Nashville, Tennessee**

Conducted investigation of Underground Storage Tank, subsurface hydraulic lifts and oil/water separators. Included subsurface investigation, UST and hydraulic lift removal and closure permitting. Completed soil sampling, analysis and closure activities in accordance with TDEC-DUST and DSW requirements.

ADDITIONAL COURSES

Law Talk – Mold Seminar; Waller, Lansden, Dortch and Davis, PLC, Nashville, Tennessee 2003.

32nd Annual Solid/Hazardous Waste Conference; Tennessee Department of Environment and Conservation, Gatlinburg, Tennessee 2003.

NEPA for Telecommunication Towers Seminar; Terracon, Atlanta, Georgia, 2001.

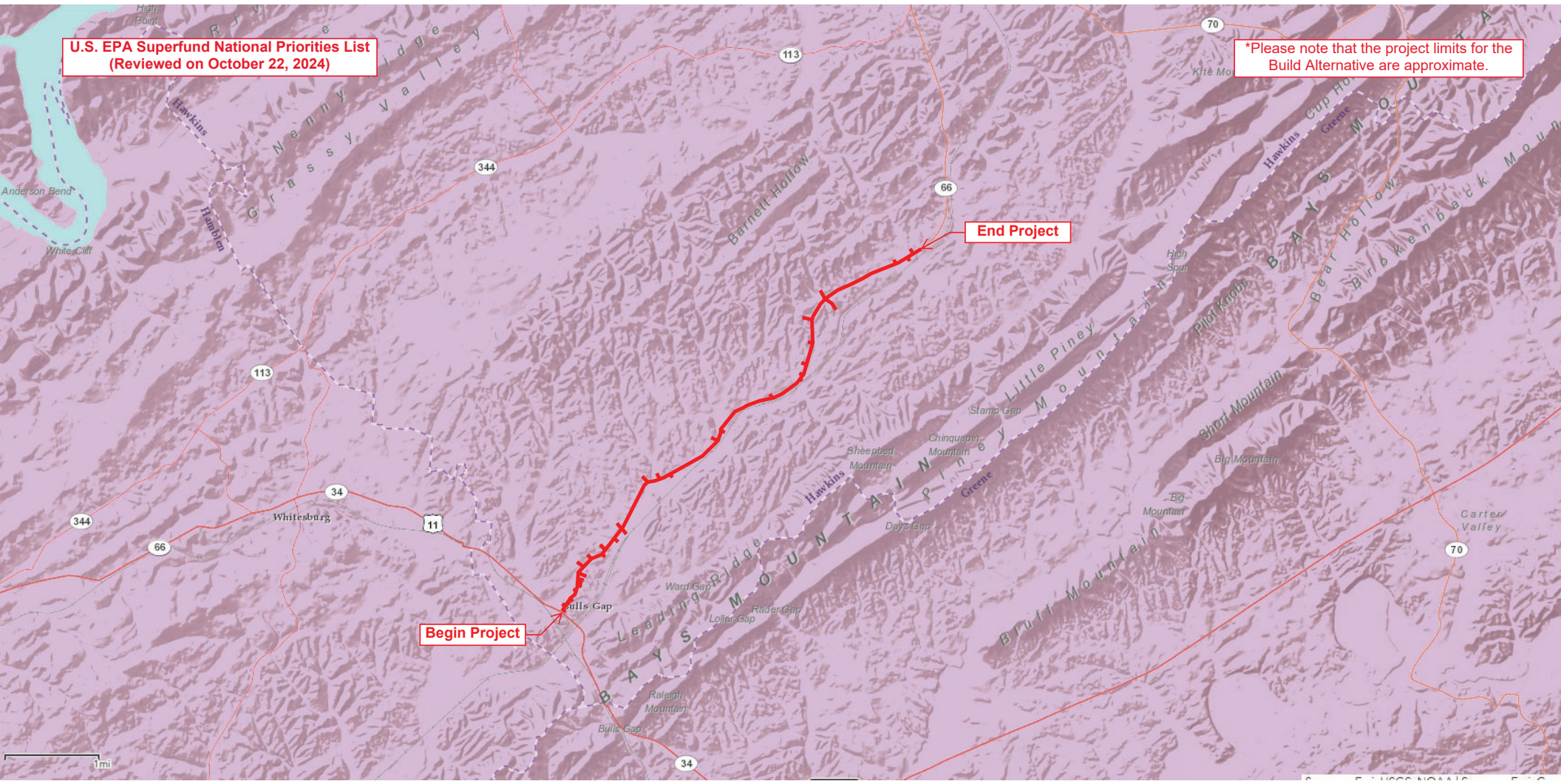


Appendix B

Hazardous Materials Database Review
(Dated October 2024)

U.S. EPA Superfund National Priorities List
(Reviewed on October 22, 2024)

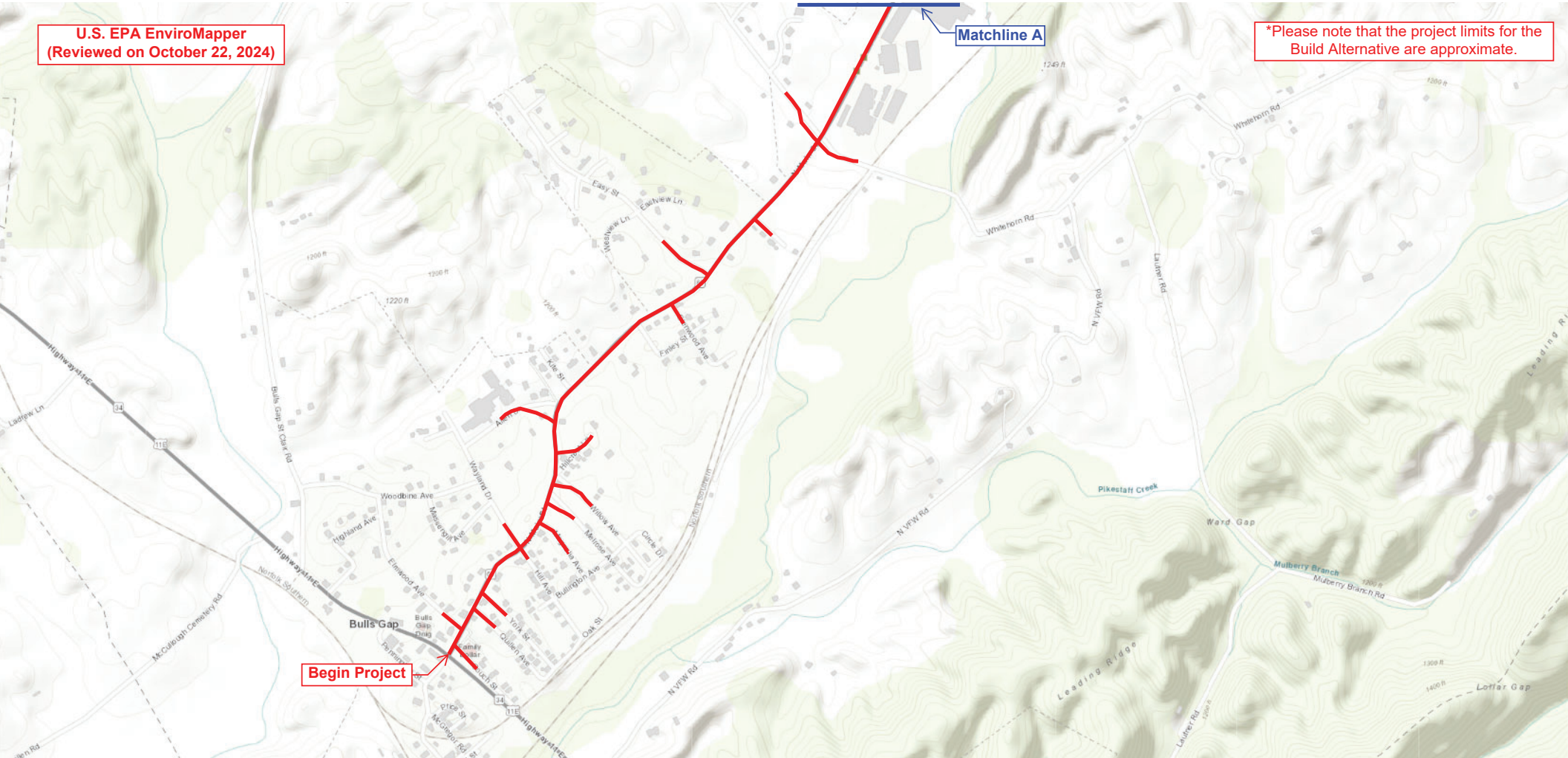
*Please note that the project limits for the
Build Alternative are approximate.



U.S. EPA EnviroMapper
(Reviewed on October 22, 2024)

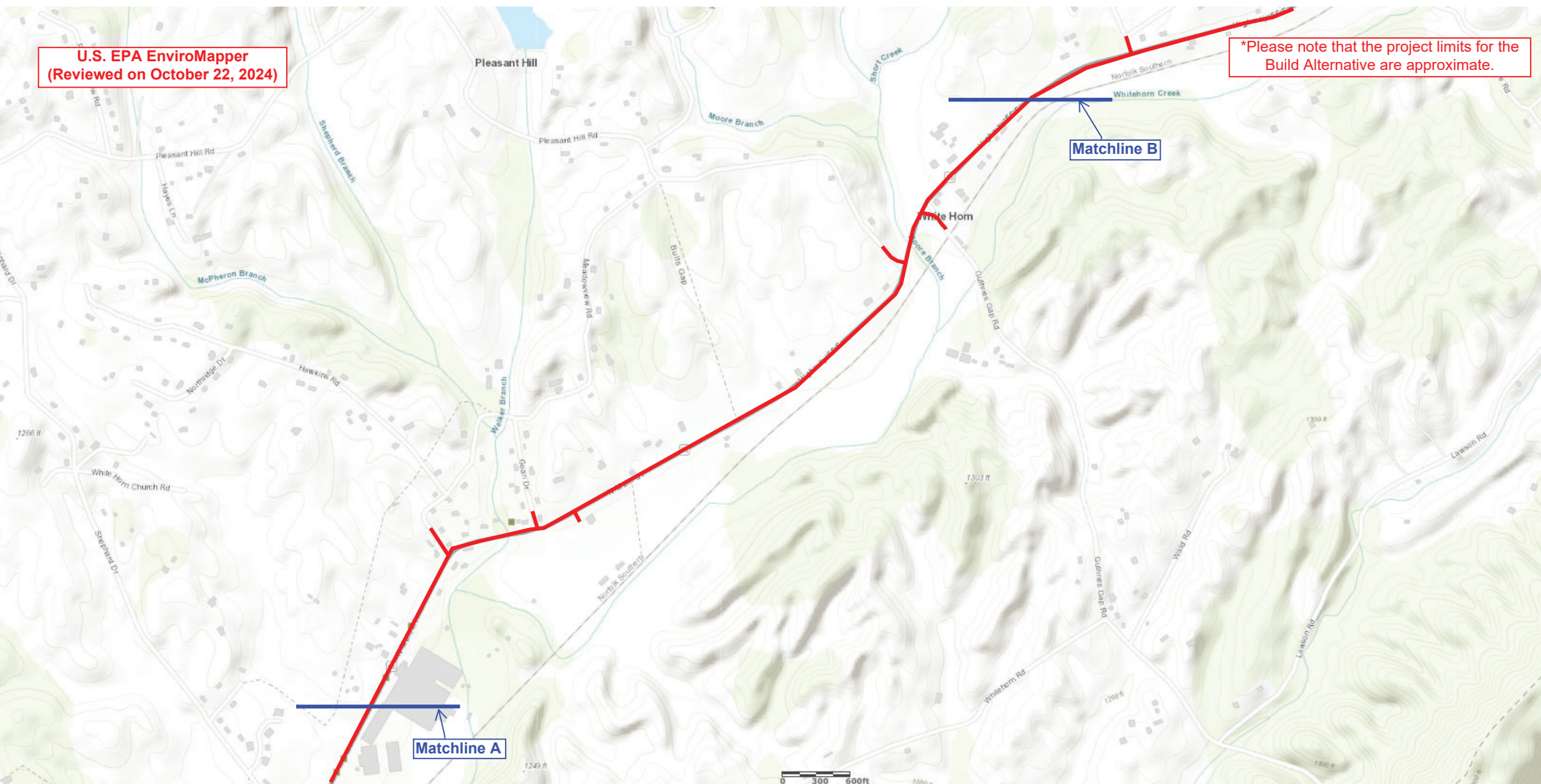
Matchline A

*Please note that the project limits for the
Build Alternative are approximate.



U.S. EPA EnviroMapper
(Reviewed on October 22, 2024)

*Please note that the project limits for the Build Alternative are approximate.



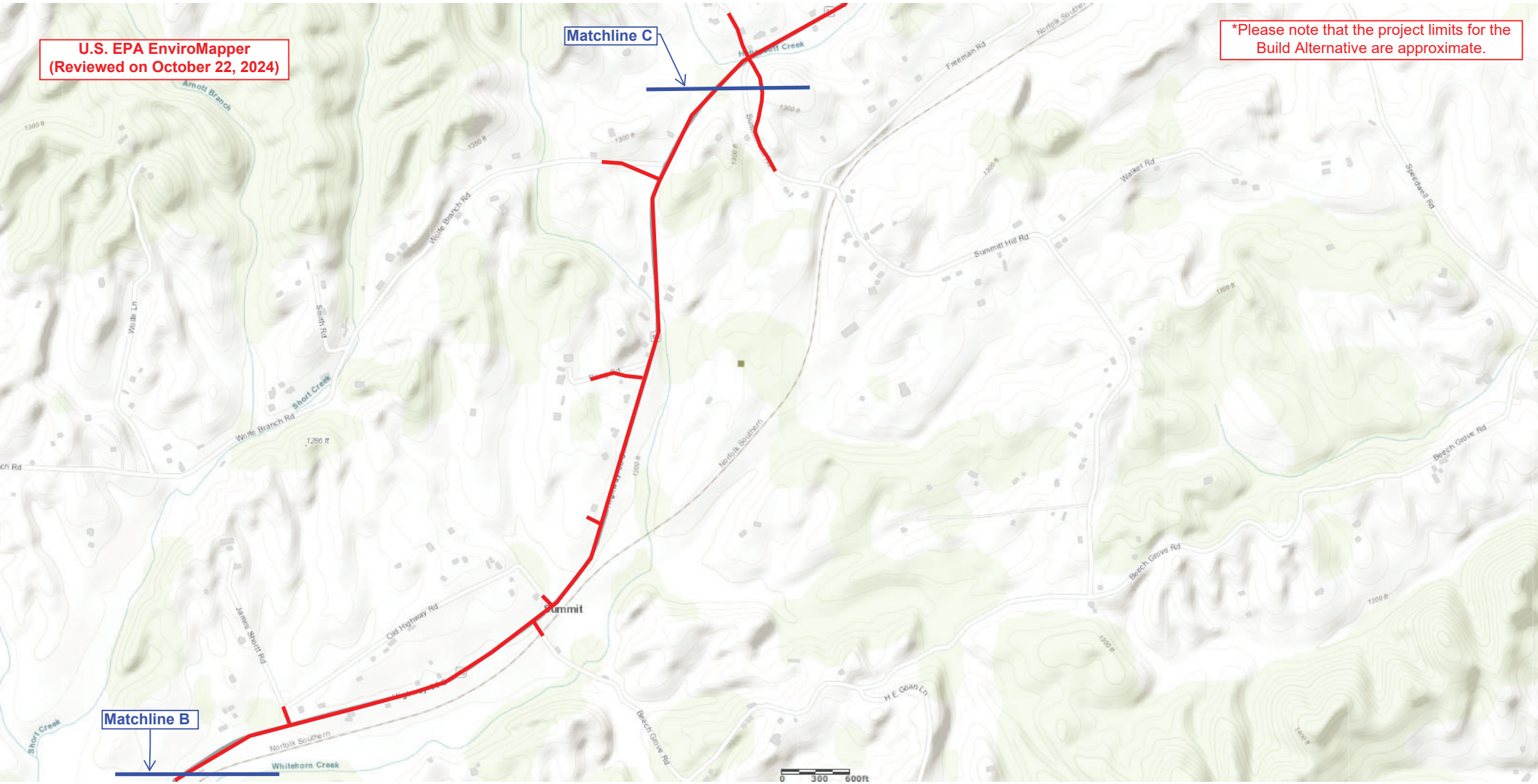
U.S. EPA EnviroMapper
(Reviewed on October 22, 2024)

Matchline C

*Please note that the project limits for the
Build Alternative are approximate.

Matchline B

0 300 600ft



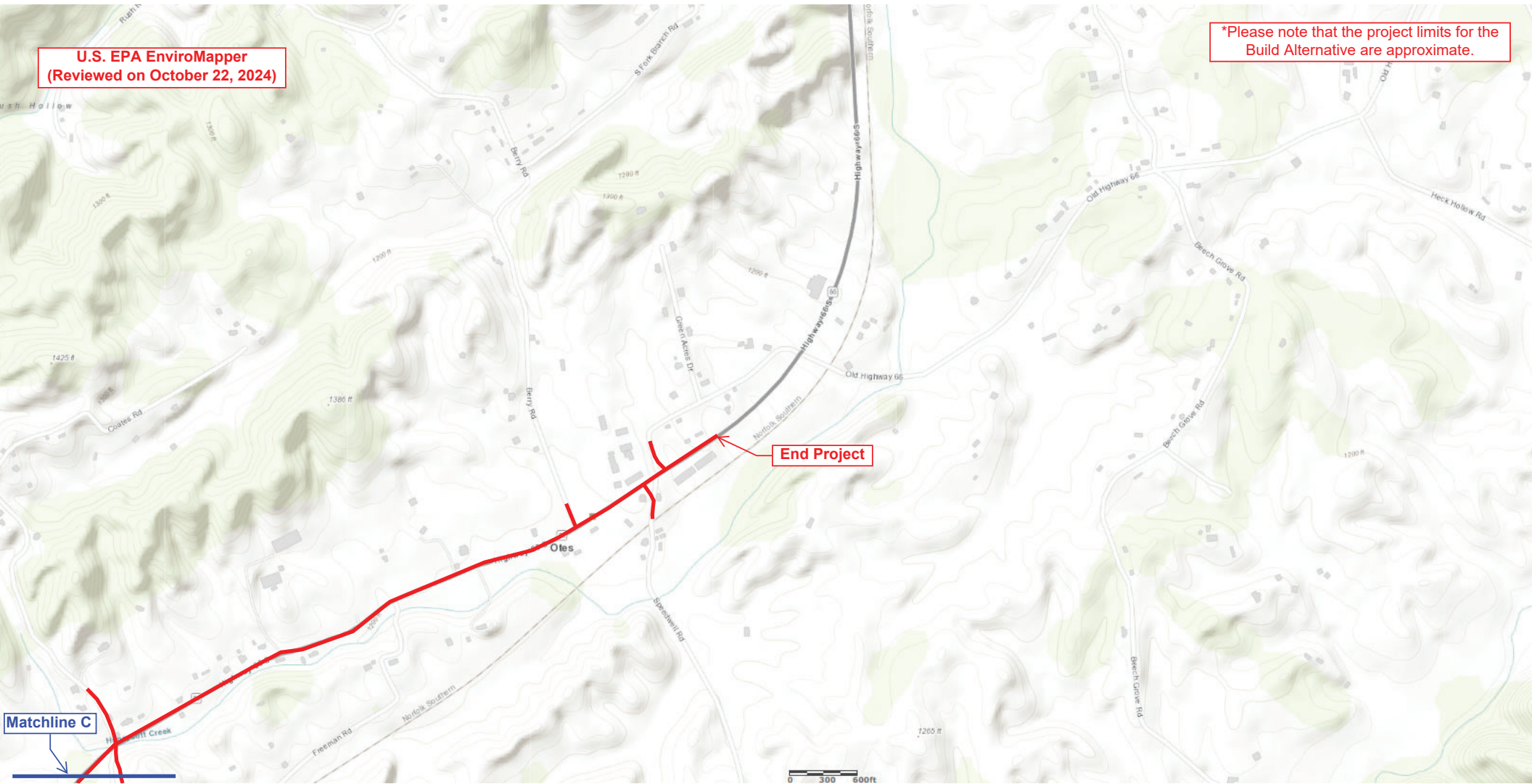
U.S. EPA EnviroMapper
(Reviewed on October 22, 2024)

*Please note that the project limits for the
Build Alternative are approximate.

End Project

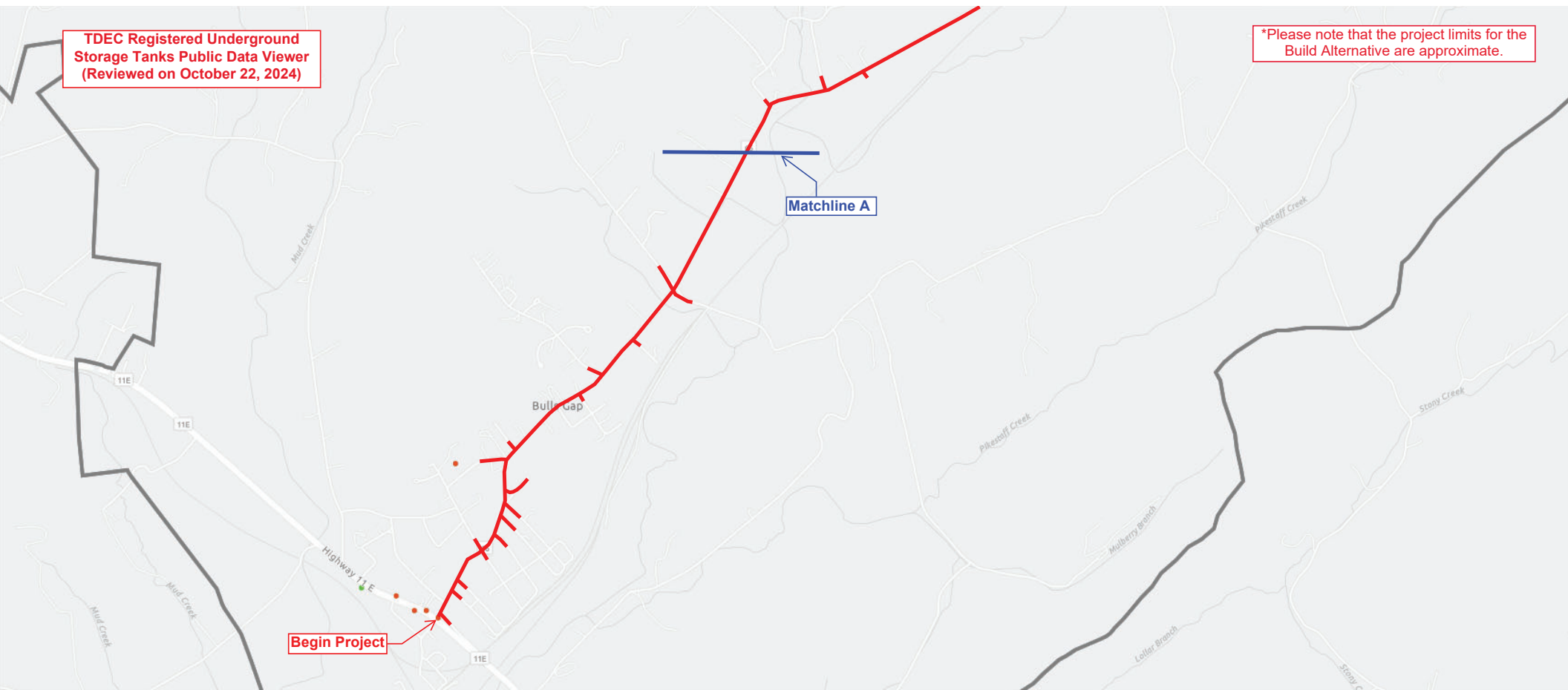
Matchline C

0 300 600ft



TDEC Registered Underground
Storage Tanks Public Data Viewer
(Reviewed on October 22, 2024)

*Please note that the project limits for the
Build Alternative are approximate.

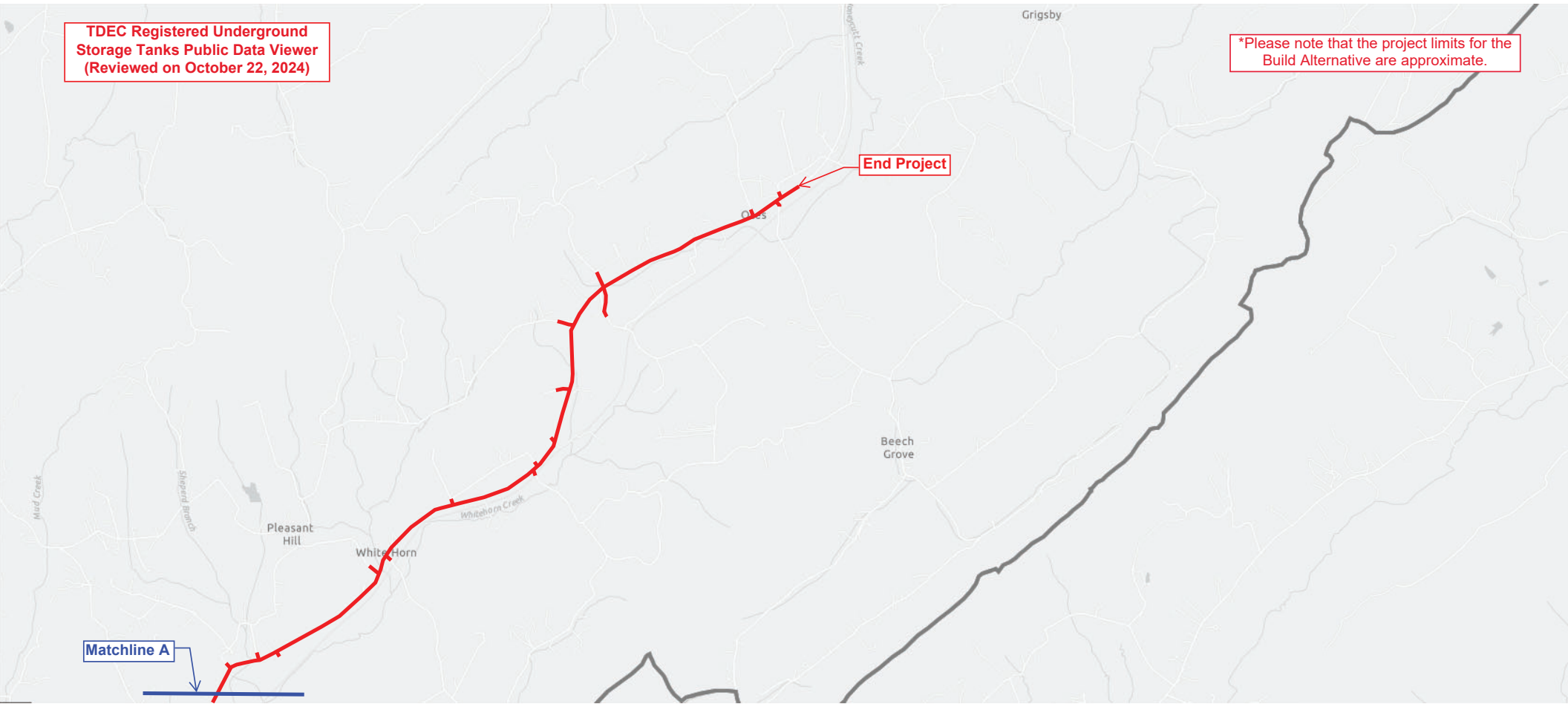


TDEC Registered Underground
Storage Tanks Public Data Viewer
(Reviewed on October 22, 2024)

*Please note that the project limits for the
Build Alternative are approximate.

End Project

Matchline A

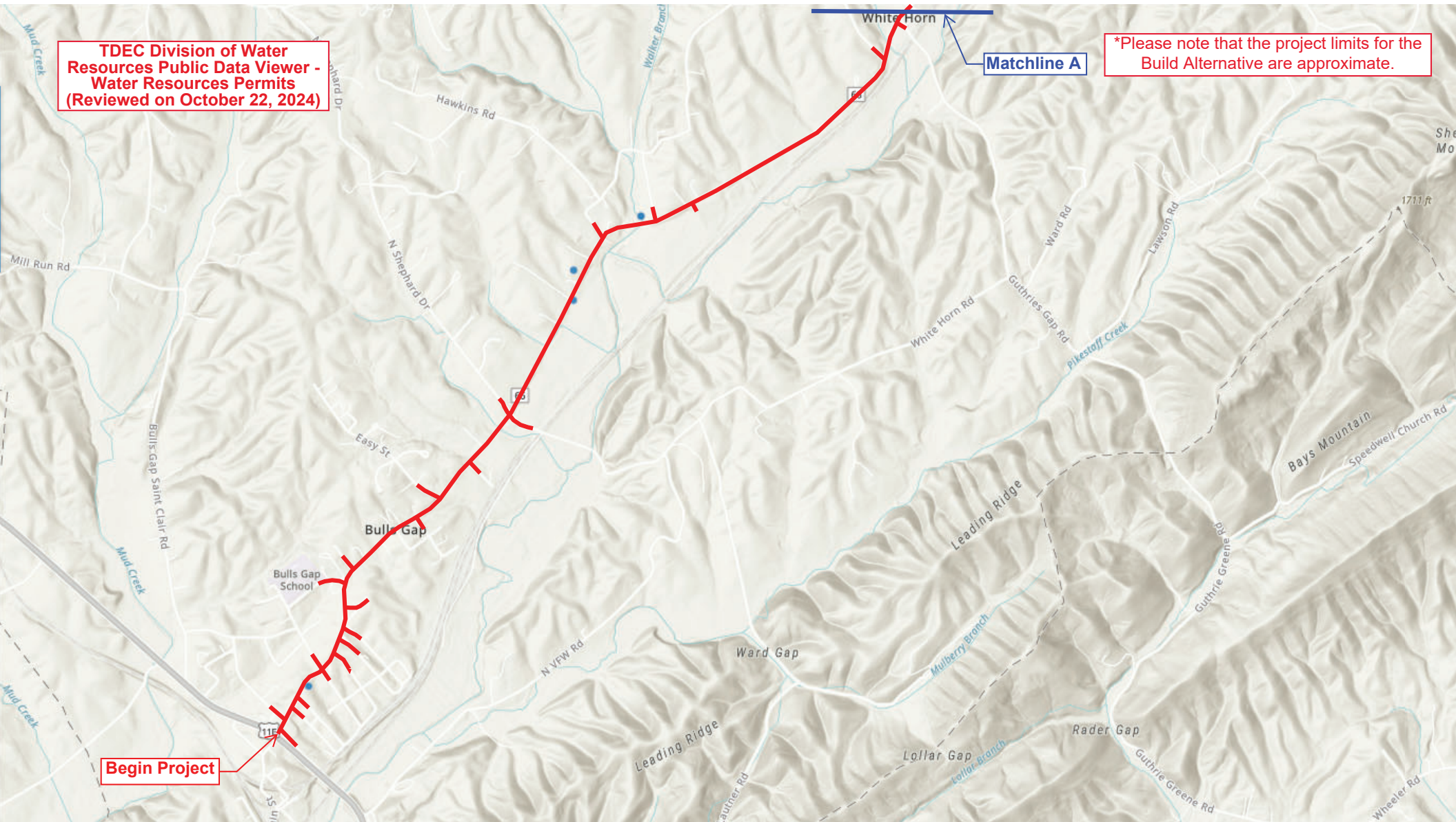


**TDEC Division of Water
Resources Public Data Viewer -
Water Resources Permits
(Reviewed on October 22, 2024)**

***Please note that the project limits for the
Build Alternative are approximate.**

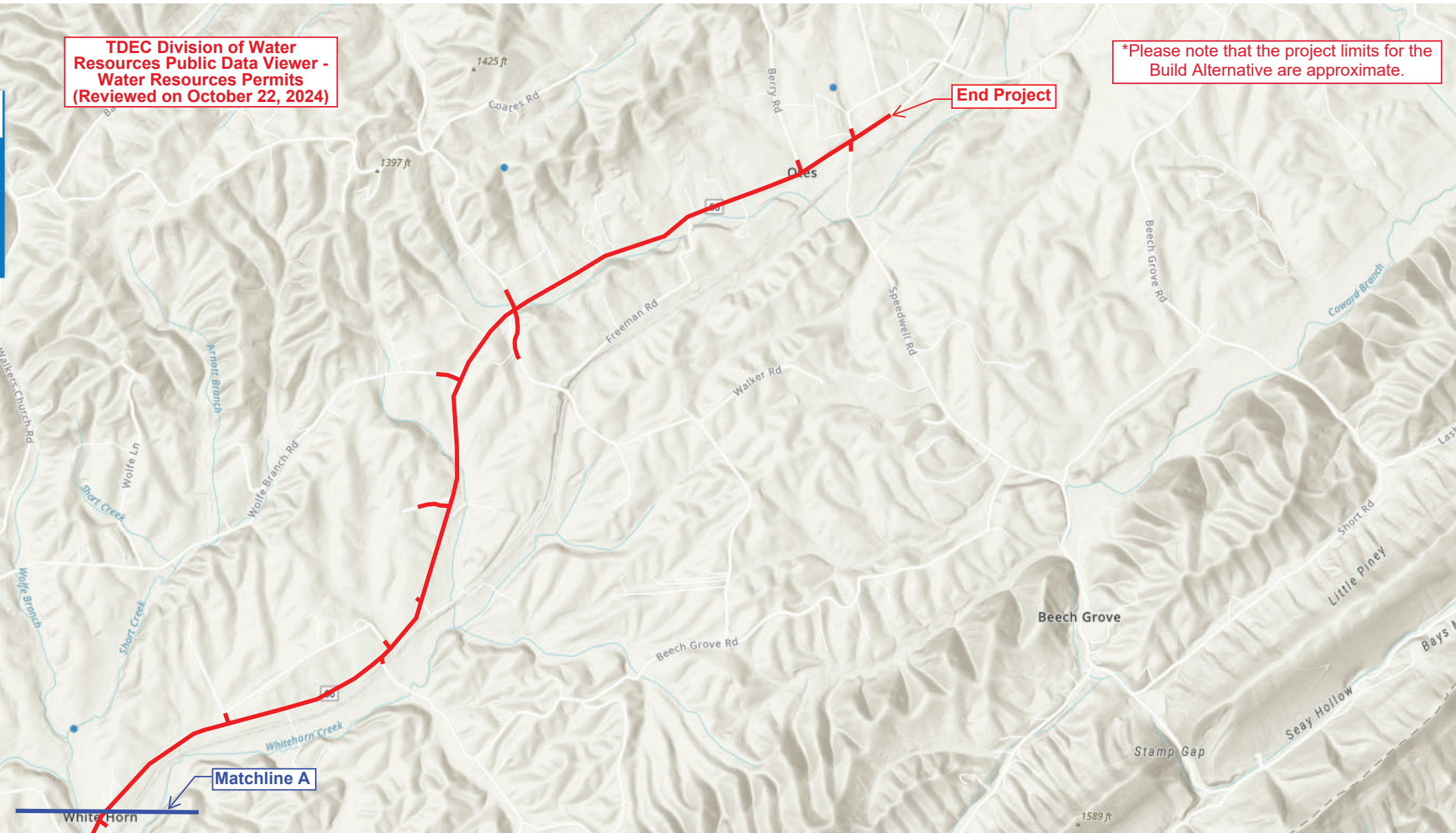
Matchline A

Begin Project



TDEC Division of Water
Resources Public Data Viewer -
Water Resources Permits
(Reviewed on October 22, 2024)

*Please note that the project limits for the
Build Alternative are approximate.



**TDEC Division of Remediation Sites
Public Data Viewer
(Reviewed on October 22, 2024)**

Begin Project

End Project

*Please note that the project limits for the Build Alternative are approximate.

*Please note that the project limits for the Build Alternative are approximate.

Google Earth
(Reviewed on October 22, 2024)

*Please note that the project limits for the
Build Alternative are approximate.

End Project

White Horn

Bulls Gap

Begin Project

Image © 2024 Airbus

Google Earth

1985

Imagery Date: 11/20/2022 36°18'53.36" N 83°06'48.86" W elev 1188 ft eye alt 38062 ft



TDOT
Department of
Transportation

