

DRAFT LEVEL I CONTAMINATION SCREENING EVALUATION REPORT (CSER)

**SR 33 (Lakeland Hills Boulevard)
Project Development and Environment (PD&E) Study
From Old Combee Road to North of Tomkow Road
Polk County, Florida**

**FDOT District I
FPN: 430185-1-22-01**

Prepared for:

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Tierra Project No.: 6511-12-026A

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**RE: Draft Level I Contamination Screening Evaluation Report
SR 33, From Old Combee Road to North of Tomkow Road PD&E Study
Polk County, Florida
FPN: 430185-1-22-01
Tierra Project No.: 6511-12-026A**

Mr. Dangle:

Tierra, Inc. (Tierra) has completed a Level I Contamination Screening Evaluation Report (CSER) for the above referenced project in general accordance with the FDOT Project Development & Environment (PD&E) Manual, Chapter 22. This report represents the results of our findings from field observations, evaluation of available data and field screening.

The FDOT comments were received on November 18, 2013 via email. This report revision incorporates responses to those comments.

We appreciate the opportunity to provide you with these services. If you have any questions or comments regarding this report or our conclusions and recommendations, please feel free to call us at your convenience.

Respectfully Submitted,

TIERRA, INC.



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1.0 Executive Summary

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study to evaluate alternative improvements for State Road 33 (SR 33) located in Polk County, Florida. The location and limits of this study are shown in the project location map as **Figure 1-1**. The objectives of the PD&E Study include the following: determine proposed typical sections and develop preliminary conceptual design plans for proposed improvements, while minimizing impacts to the environment; consider agency and public comments; and ensure project compliance with all applicable federal and state laws. Improvement alternatives will be identified which will improve safety and meet future transportation demand.

This Level I CSER has been prepared using the FDOT PD&E Manual, Chapter 22 reporting format and standard environmental assessment practices of reviewing records of regulatory agencies, site reconnaissance, literature review and when necessary, personal interviews of individuals and business owners within the limits of the project. For purposes of this report, the project study area includes the limits of the mainline project and an approximate 300 foot area extending beyond those boundaries.

Seven (7) mainline locations were investigated for sites that may present the potential for finding petroleum contamination or hazardous materials, and therefore may impact the proposed improvements for this project. Specific details for each site are outlined in **Appendix A** and their locations are presented in **Appendix B**.

Of the seven (7) mainline sites investigated, the following risk rankings have been applied: **Zero (0) "High" ranking sites, Two (2) "Medium" ranking sites, Five (5) "Low" ranking sites, and Zero (0) sites ranked "No"** for potential contamination concerns.

For the sites ranked "No" for potential contamination, no further action is recommended. This site have been evaluated and determined not to have any potential environmental risk to the study area at this time.

For sites ranked "Low" for potential contamination, no further action is required at this time. These sites/facilities have potential to impact the study area, but based on select variables have been determined to have low risk to the corridor at this time. Variables that may change the risk ranking include a facility's non-compliance to environmental regulations, new discharges to the soil or groundwater, and modifications to current permits. Should any of these variables change, additional assessment of the facilities should be conducted.

For those locations with a risk ranking of "Medium" or "High", that have not been previously assessed, Level II field screening should be conducted. These sites have been determined to have potential contaminants, which may impact the SR 33 corridor. A soil and groundwater sampling plan should be developed for each site. The sampling plan should provide sufficient detail as to the number of soil and groundwater samples to be obtained and the specific analytical test to be performed. A site location sketch for each facility showing all proposed boring locations and groundwater monitoring wells should be prepared. Prior to conducting any field screening the District Contamination Impact Coordinator (DCIC) should be notified.

This *Executive Summary* provides a brief overview of the environmental contamination concerns associated with the proposed roadway improvement project. The reader should utilize the detailed information presented within this report for specific information regarding any area of particular interest.

Definitions, Acronyms, and Abbreviations

HAZARDOUS MATERIAL: Any material which has, or, when combined with other materials will have a deleterious effect on people or the environment. As further discussed and defined in Title 42 United States Code (USC), Section 9601, et seq.

HAZARDOUS WASTE: There are 80 pages in the Code of Federal Regulations (CFR) devoted to the definition and identification of Hazardous Waste. Briefly, the CFR defines hazardous waste as a solid waste (could be a liquid) that has not been excluded from regulation and meets the criteria as defined and discussed in Title 40, CFR, Part 261.3, et seq.

CONTAMINATION: The presence of any regulated material/chemical contained within the soil, surface water or groundwater on or adjacent to Department property, or proposed property, that may require assessment, remediation, or special handling, or that has a potential for liability. These materials would include, but not be limited to, those substances normally referred to as petroleum or petroleum products.

SIGNIFICANT CONTAMINATION: The presence of any contamination that would meet the definition of "hazardous materials" or "hazardous waste" and be regulated under CERCLA or RCRA. Petroleum contamination from underground storage tanks is not regulated by CERCLA or RCRA.

AST	Aboveground Storage Tank
BLS	Below Land Surface
CDV	Cattle Dip Vat
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CSER	Contamination Screening Evaluation Report
De minimis	Lacking significance or of minimum importance as to merit disregard
FDEP	Florida Department of Environmental Protection
EPA	United States Environmental Protection Agency
EROS	Earth Resource Observation and Science Center
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
GCTL	Groundwater Clean-up Target Levels
LUST	Leaking Underground Storage Tank
NADC	Natural Attenuation Default Concentrations
NEPA	National Environmental Policy Act
NFA	Notice of No Further Action
NGVD	National Geodetic Vertical Datum of 1929
NRCS	National Resource Conservation Service
PCB	Polychlorinated Biphenyl
PD&E	Project Development and Environment
PSR	Pond Siting Report
PVC	Polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
ROW	Right-of-Way
SCS	Soil Conservation Service
SCTL	Soil Clean-up Target Levels
SRCO	Site Rehabilitation Completion Order
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank

2.0 Introduction

2.1 Project Description

The Florida Department of Transportation, District One, is conducting a Project Development and Environmental (PD&E) Study regarding the proposed widening of State Road (SR) 33 in Polk County. The limits of this project on SR 33 are from Old Combee Road to north of Tomkow Road, which is a distance of approximately 4.3 miles. The location and limits of this study are shown in the project location map as **Figure 1-1**.

The recommended action includes capacity improvements consisting of widening SR 33 from a two-lane undivided roadway to a four-lane divided roadway. Reconstruction of the SR 33 interchange with I-4 is also proposed. The interchange improvements will involve replacing the I-4 bridges over SR 33 and reconstructing portions of I-4 approaching the interchange.

2.2 Purpose and Need

SR 33 serves as a primary north-south connection between Lakeland and Interstate 4 (I-4). The project will improve the functional viability of SR 33 as a local regional travel alternative to I-4. SR 33 provides connectivity to University Boulevard which serves the planned Williams DRI, Polk Commerce Center DRI and the future Florida Polytechnic campus. University Boulevard and SR 33 will serve as the most direct link between these new residential and commercial centers and north and central Lakeland. The project provides increased capacity along SR 33 to meet the project future travel demand.

Improvements to the SR 33 interchange with I-4 are also required. Currently, I-4 crosses over SR 33 with two parallel, three lane bridges. There are deficiencies with the existing interchange. First, the existing vertical clearance over SR 33 does not meet the minimum required 16.5 feet of clearance and is as low as 14.9 feet. Maintaining this substandard vertical clearance would require the approval of a design exception which will not be approved by the Federal Highway Administration. Second, the pier footings have less than the minimum required depth of cover of three feet with cover depths as shallow as 1.892 feet. The horizontal clearance between the center pier and the intermediate piers will not accommodate the future four lane roadway. Finally, the existing k-values for the crest and sag vertical curves on I-4 approaching SR 33 are appropriate for 55 miles per hour (mph) and 60 mph design speeds, not for the 70 mph design speed required for the interstate.

2.3 Typical Section Alternatives

The proposed roadway typical section for this project is a suburban typical section that would include two 12-foot travel lanes in each direction separated by a 30-foot median. The proposed improvements also include a four-foot inside paved shoulder and a five-foot outside paved shoulder in each direction. An open drainage system will collect stormwater runoff and convey it to off-site ponds and/or linear ponds. A 10-foot-wide multi-use path is proposed along the south side of the road between SR 659 (Combee Road) and University Boulevard. A five-foot sidewalk is planned along the north side of the road from University Boulevard to north of Tomkow Road. This typical section can be constructed within the existing 200 feet right-of-way. The design speed for this typical section is 55 mph. Two variations of this typical section are being considered. These include full reconstruction of the roadway and a concept to save the existing roadway to serve as half of the future four-lane roadway.

Figure 1-1 SR 33 Project Location Map



2.4 Purpose of Report

This report has been prepared as part of the environmental document submittals for the proposed roadway improvement project and presents the findings of a Level I contamination screening evaluation. The CSER was prepared in accordance with the FDOT PD&E Manual, Part 2, Chapter 22 (latest revision).

The purpose of this environmental screening report is to identify, review, and evaluate known or potential contamination problems; provide risk rankings for properties, facilities or sites that have the potential for contamination to affect the proposed improvements; and to present recommendations concerning these problems. This CSER includes file and regulatory document research, local and state historical land use reviews, field reconnaissance, and interviews with site/facility owners, nearby businesses and residents where possible.

3.0 The Study Area

The project corridor for this CSER is an approximate 4.3 mile section of SR 33 starting at Old Combee Road and extending northeast to just north of Tomkow Road in the City of Lakeland, Polk County. It includes the SR 33 and I-4 interchange area proposed for reconfiguration improvements.

For purposes of this report, the project study area includes the limits of the mainline project and an approximate 300 foot area extending beyond those boundaries, as described above. The project limits are presented in **Appendix B**.

4.0 Land Uses

Land use is an important factor when evaluating historical and current environmental conditions. Evaluating the past use of properties can assist in determining possible chemical constituents that may have been used or associated with a particular parcel. Current land use records, typically supplied by the local county or municipality, also provide environmental professionals additional information as to target areas for potential contaminants.

The City of Lakeland's Zoning Map, dated August 2013 was reviewed and a copy is included in **Appendix C**. The majority of current land uses along the SR 33 corridor consists of a combination of Commercial, Industrial, Residential and Limited Development Lands.

The City of Lakeland's 2020 Official Future Land Use Map, dated August 2013 was reviewed and a copy is included in **Appendix C**. The majority of planned future land uses are designated as: Interchange Activity Center, Business Park, Residential and Conservation. In addition, a large portion of the County, extending to the northeast from approximately Tomkow Road, is designated as an Area of Critical State Concern.

Environmental concerns were identified during review of the Zoning and Land Use Maps for the project corridor. The August 2013 Zoning Map identifies the former Saddle Creek Mine area as *Limited Development* Land and as *Conservation* land on the 2020 Future Land Use Map. Additionally, the *Area of Critical State Concern* Program (Chapter 62-816 FAC) assists counties to implement the conservation, recreation and open space, and coastal management elements of local comprehensive plans, assists in conserving natural resources and resolving land use conflicts through matching grants for land acquisition.

5.0 Hydrogeologic Features

Hydrogeological features can be indicators of possible environmental concerns; therefore, they are reviewed as part of the CSER process. The hydrological features such as rivers, artesian wells, creeks, sinks, mines, well fields, etc. provided on governmental maps and identified in regional soils and geology literature are reviewed for the noted items which fall within the project limits. The features are evaluated to determine if there are any known areas, or other regional environmental concerns that may contribute to environmental influences within the project limits. Information for this section was derived from the USDA Published Soil Surveys for Florida and various Florida Geological Society (FGS) publications.

5.1 Regional Physiography

Polk County is situated on the Central Highlands, in the Floridian section of the Atlantic Coastal Plain physiographic province. Elevation ranges from 50 to 305 feet above the NVGD. Most of Polk County is in the Polk and Lake Uplands of the Central Highlands. Several ridges rise above the Polk Upland surface. The most prominent is the Lake Wales Ridge. Others include the Lakeland, Winter Haven, and Lake Henry Ridges, which appear to be remnants of a previous widespread upland. In the northern part of the county, the Polk Upland merges with the Lake Upland. The two uplands do not have a distinct topographic distinction; therefore, the boundary is drawn arbitrarily. The Polk Upland is bordered by the Gulf Coastal Lowlands and the Western Valley on the west and north, the DeSoto Plain on the south, and by the Lake Wales Ridge on the east.

The major permanent streams and surface drainage systems are the Withlacoochee River, North Prong Alafia River, and the Peace River. The Withlacoochee River drains the northern part of the county, the North Prong Alafia River drains the western part, and the Peace River drains the central part to the Highlands County line. The Kissimmee River drains a large area in the southeastern part of the county. The many branches and creeks are interconnected to complete the drainage of the county.

5.2 Regional Hydrogeology

The surface and near surface sediments in Polk County consist of quartz sand, clay, phosphorite, limestone and dolomite. These sediments range in age from late Eocene age to Holocene age. The near surface geologic deposits and formations from youngest to oldest in Polk County include: Holocene Sediment (Qh), Undifferentiated sediments (Qu), reworked Cypresshead (TQuc), dunes (TQd), Cypresshead Formation (Tc), the Hawthorn Group Peace River Formation Bone Valley Member (Thpb), the Hawthorn Group Arcadia Formation Tampa Member (That), the Suwannee Limestone (Ts), and Ocala Limestone (To).

Three principal hydrogeologic units underlie Polk County. The uppermost water-bearing unit is the surficial aquifer system, which is unconfined and composed primarily of clastic deposits that consist of fine sands of Miocene age and younger. These Miocene sands are interbedded with occasional clay lenses and comprise the zone that makes up the surficial aquifer. The surficial aquifer system is underlain by the intermediate confining unit, which grades into the intermediate aquifer system and consists of up to two water-bearing zones composed of interbedded clastic and carbonate rocks. Clays and marls form a confining layer that separate the surficial and intermediate aquifers from the Floridan Aquifer.

The Floridan Aquifer system is primarily comprised of a thick sequence of permeable limestone and dolostone and consists of the Upper Floridan Aquifer, a middle semi confining unit, a middle confining unit, and the Lower Floridan Aquifer. The upper portion of the Floridan Aquifer is comprised of the Hawthorn clays and Tampa Formation limestones. The lower unit of the Floridan Aquifer is comprised of the Suwannee Limestone, Ocala Group Limestones and the Avon Park Limestone. The Floridan Aquifer is the principal source of the groundwater supply in Polk County, which is an artesian aquifer throughout much of the county.

Based on information obtained from Tierra's **Geotechnical Report** dated **August 12, 2013** (submitted under separate cover) the groundwater table depths, when encountered, in the roadway boring locations along the project alignment were found to range from 2.5 to 6 feet below the existing ground surface. The groundwater table measured at each of the boring locations is presented on the *Roadway Soil Profiles Sheet in Appendix A of the Geotechnical Report*. The estimated seasonal high groundwater table (SHGWT) levels ranged from above the ground surface to greater than 6 feet below the existing ground surface and are summarized in *Appendix B of the Geotechnical Report*.

Groundwater conditions will vary with environmental variations and seasonal conditions, such as the frequency and magnitude of rainfall patterns, as well as man-made influences (i.e. existing water management canals, swales, drainage ponds, underdrains and areas of covered soils, such as paved parking lots and sidewalks).

5.3 USDA Soil Survey

Soil Surveys provide indications of what a soil may be useful for and can provide clues as to possible uses and potential environmental issues. Additionally, maps of the soil units provided in the surveys often show historical land features such as mines, borrow pits, railroads, etc. These can also be indications of areas of concern.

The USDA's NRCS "Soil Survey of Polk County, Florida" issued in October 1990 and the Web Soil Survey were reviewed for general climate and near surface soil information. The soil map for the project area is included in **Appendix D**.

According to the Soil Survey, the average daily temperature in the summer is 82 degrees and 52 degrees in the winter. The mean annual rainfall for the county is approximately 54 inches with 70 percent falling in the summer months, April through September. The climate of the area is generally subtropical with an average relative humidity in mid-afternoon of 60 percent. Humidity is higher at night and the average at dawn is 90 percent.

The General Soil Units situated in the vicinity of the study area are: *soils of the Uplands* (located in the southern portion of the project), these are nearly level to moderately sloping, somewhat poorly drained to excessively drained and generally sandy throughout; *soils of the Flatwoods* (located north of I-4), these are nearly level, poorly drained and very poorly drained sandy soils that are underlain by loamy material; and *soils of Mined Areas* (located across the majority of the project), these are soils that have been strip mined for phosphate or silica sand.

The Soil Survey indicates that there are sixteen primary (16) soil-mapping units noted along the project corridor. The general engineering properties of the soil-mapping units as indicated in the Soil Survey are presented in the following table below. For additional details on the subsurface conditions the reader should refer to Tierra's **Geotechnical Report** dated **August 12, 2013**.

Table 1
Summary of USDA Soil Survey Mapped Units

SOIL SURVEY OF POLK COUNTY, FLORIDA											
USDA Map Symbol and Soil Name	Depth (in)	Soil Classification		Permeability (in/hr)			pH	Seasonal High Water Table		Risk of Corrosion	
		USCS	AASHTO					Depth (feet)	Months	Uncoated Steel	Concrete
(3) Candler Sand	0-6	SP, SP-SM	A-3	6.0	-	20.0	4.5-6.0	>6.0	Jan-Dec	Low	High
	6-63	SP, SP-SM	A-3	6.0	-	20.0	4.5-6.0				
	63-80	SP-SM	A-2-4, A-3	6.0	-	20.0	4.5-6.0				
(6) Eaton Mucky Fine Sand, Depressional	0-6	SP-SM	A-2-4, A-3	6.0	-	20.0	4.5-6.0	+2.0-0	June-Feb	High	High
	6-29	SM, SP-SM	A-2-4, A-3	6.0	-	20.0	4.5-6.0				
	29-33	SC	A-4, A-6, A-7	0.06	-	0.2	4.5-6.0				
	33-80	CH, CL, SC	A-7	0.06	-	0.2	4.5-6.0				
(7) Pomona Fine Sand	0-6	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-6.0	0.0-1.5	June-Oct	High	High
	6-21	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-6.0				
	21-26	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-6.0				
	26-48	SP, SP-SM	A-2-4, A-3	2.0	-	20.0	3.5-6.0				
	48-73	SC, SP-SM, SM	A-2, A-4, A-6	0.2	-	2.0	3.5-6.0				
73-80	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-6.0					
(8) Hydraquents, Clayey	0-80	CH	A-7	0.001	-	0.06	7.9-8.4	+2.0-0.0	Jan-Dec	High	Low
(9) Lynne Sand	0-5	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5	0.0-1.5	June-Oct	High	High
	5-21	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5				
	21-28	SM, SP-SM	A-2-4, A-3	0.6	-	2.0	3.5-6.5				
	28-33	SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-6.5				
	33-80	CH, CL, SC	A-6, A-7	0.2	-	2.0	3.5-6.5				
(12) Neilhurst Sand	0-3	SP, SP-SM	A-2-4, A-3	20.0	-	50.0	5.1-6.5	>6.0	Jan-Dec	Low	High
	3-80	SP, SP-SM	A-2-4, A-3	20.0	-	50.0	5.1-6.5				
(15) Tavares Fine Sand	0-8	SP, SP-SM	A-3	6.0	-	50.0	3.5-6.0	3.5->6.0	June-Dec	Low	High
	8-80	SP, SP-SM	A-3	6.0	-	50.0	3.5-6.0				
(17) Symma and Myakka Fine Sands	0-7	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5	0.5-1.5	June-Oct	High	High
	7-25	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5				
	25-36	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-6.5				
	36-80	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5				
	0-4	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.3	0.0-1.5	June-Dec	High	High
	4-12	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.3				
	12-25	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-7.3				
	25-42	SP, SP-SM	A-3	6.0	-	20.0	3.5-7.3				
	42-48	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-7.3				
48-80	SM, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.3					
(22) Pomello Fine Sand	0-5	SP, SP-SM	A-3	20.0	-	50.0	4.5-6.0	2.0-3.5	July-Nov	Low	High
	5-48	SP, SP-SM	A-3	20.0	-	50.0	4.5-6.0				
	48-63	SM, SP-SM	A-2-4, A-3	2.0	-	6.0	4.5-6.0				
	63-80	SP, SP-SM	A-3	6.0	-	20.0	4.5-6.0				
(25) Placid and Myakka Fine Sands, Depressional	0-18	SM, SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-5.5	+2.0-0.0	Jan-Dec	High	High
	18-80	SM, SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-5.5				
	0-3	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5				
	3-25	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5	+2.0-0.0	Jan-Dec	High	High
	25-35	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-6.5				
	35-80	SP, SP-SM	A-3	6.0	-	20.0	3.5-6.5				

SOIL SURVEY OF POLK COUNTY, FLORIDA											
USDA Map Symbol and Soil Name	Depth (in)	Soil Classification		Permeability (in/hr)			pH	Seasonal High Water Table		Risk of Corrosion	
		USCS	AASHTO					Depth (feet)	Months	Uncoated Steel	Concrete
(29) St. Lucie Fine Sand	0-3	SP	A-3	20.0	-	50.0	3.5-7.3	>6.0	Jan-Dec	Low	Moderate
	3-80	SP	A-3	20.0	-	50.0	3.5-7.3				
(35) Hontoon Muck	0-75	PT	A-8	6.0	-	20.0	2.0-4.4	+2.0-0.0	Jan-Dec	High	High
	75-80	SM, SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.3-5.5				
(36) Basinger Mucky Fine Sand, Depressional	0-7	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.6	+2.0-0.0	June-Feb	High	Moderate
	7-35	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.6				
	35-45	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.6				
	45-80	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-7.6				
(51) Pomona Urban land complex	0-6	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-5.5	0.0 - 1.5	June-Oct	High	High
	6-21	SP, SP-SM	A-2-4, A-3	6.0	-	20.0	3.5-5.5				
	21-26	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-5.5				
	26-48	SP, SP-SM	A-2-4, A-3	2.0	-	20.0	3.5-6.0				
	48-73	SC, SC-SM, SM	A-2, A-4, A-6	0.2	-	2.0	3.5-5.5				
73-80	SM, SP-SM	A-2-4, A-3	0.6	-	6.0	3.5-5.5					
(54) Pomello Urban land complex	0-5	SP, SP-SM	A-3	20.0	-	50.0	4.5-6.0	2.0 - 3.5	July-Nov	Low	High
	5-48	SP, SP-SM	A-3	20.0	-	50.0	4.5-6.0				
	48-63	SM, SP-SM	A-2-4, A-3	2.0	-	6.0	4.5-6.0				
	63-80	SP, SP-SM	A-3	6.0	-	20.0	4.5-6.0				
(68) Arents	-	-	-	-	-	-	-	-	-	-	-

5.4 USGS Quadrangle Map

Topographic maps are reviewed to develop an understanding of previous land uses in the project corridor and to identify any areas that may show historical, natural and manmade features, which aid in determining potential environmental concerns.

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle topographic maps dated 1944, 1975, 1975 (Photorevised 1987) and 1994 were reviewed as part of this study. Additionally the “Providence, Florida” Quadrangle topographic maps dated 1944, 1975 and 1975 (Photorevised 1988) were reviewed as part of this study.

The natural ground surface elevations appear to be within a range of about +130 to +150 feet National Geodetic Vertical Datum of 1929 (NGVD29) along the project limits. Copies of the topographic maps are provided in **Appendix E**.

Based on a review of the topographic maps, the southern portion of the study area is shaded: white, indicating undeveloped or vacant land; green, indicating undeveloped or wooded land. The majority of the study area is shaded with a mottled pink pattern, to indicate the presence of disturbed land surface, reclaimed strip mines and/or tailings. A small area around the I-4 and SR 33 intersection is shaded green-with-blue, indicating the presence of submerged wooded marsh or swamp. The area north of I-4 is shaded white. SR 33, I-4, Old Combee Road and Tomkow Road are all depicted with their current alignments. Residential type structures are apparent in the area of SR 33 and Old Combee Road.

6.0 Methodology

A CSER was conducted for the corridor within the existing and proposed ROW limits and extending outward approximately 300 feet from the centerline of the ROW. The purpose of the CSER is to evaluate the potential for environmental impacts associated with proposed construction within the project limits. The evaluation included the following tasks:

- Document review using Polk County Property Appraiser's website;
- A regulatory review of governmental databases for permits and or violations associated with environmental issues;
- Obtaining and evaluating historical aerial photographs, topographic maps and soil surveys in an effort to determine potential contamination problem areas;
- Conducting site visits to verify information provided and to identify other potential concerns within the vicinity of the project;
- Determining the contamination potential and assigning a risk rank for each property within the proposed project limits.

6.1 Regulatory Review

An environmental database search using FirstSearch Technology Corporation (FirstSearch) was conducted in March 2012 to identify sites, facilities or listings within close proximity of the project corridor containing documented or suspected petroleum contamination or other hazardous materials. The regulatory review of federal and state environmental records utilizes an integrated geographic information system database. The search was conducted as a preliminary screening tool to identify facilities that are registered with various county, state, and federal agencies.

The database search report provides geocoded and non-geocoded regulatory listings of interest that are identified within close proximity to the project corridor. All are reviewed for the potential of contamination to impact the project corridor. Each listing is located by address, facility ID number or field verified where possible. Generally, those identified to be more than 300 feet from the ROW are considered to be outside of the project limits and excluded from further investigation. Some sites may have more than one regulatory listing. The remaining listings are grouped by facility/site location (listings from multiple databases can be consolidated to individual property parcels) and are discussed in applicable sections of the Potential Contamination Sites Summary Table provided in **Appendix A**. A copy of the Environmental FirstSearch Report is provided in **Appendix F**.

The reviewed records include information compiled by the United States Environmental Protection Agency (EPA), the Florida Department of Environmental Protection (FDEP), and other various reporting programs identified below. A complete list of all environmental record databases searched is included in the database search report.

- **Federal NPL site list**
- **Federal Delisted NPL site list**
- **Federal CERCLIS list**
- **Federal CERCLIS NFRAP site List**
- **Federal RCRA CORRACTS facilities list**
- **Federal RCRA non-CORRACTS TSD facilities list**
- **Federal RCRA generators list**

- **Federal institutional controls / engineering controls registries**
- **Federal ERNS list**
- **State- and tribal - equivalent CERCLIS**
- **State and tribal landfill and/or solid waste disposal site lists**
- **State and tribal leaking storage tank lists**
- **State and tribal registered storage tank lists**
- **State and tribal institutional control / engineering control registries**
- **State and tribal voluntary cleanup sites**
- **State and tribal Brownfields sites**
- **Local Brownfield lists**
- **Local Lists of Landfill / Solid Waste Disposal Sites**
- **Local Lists of Hazardous waste / Contaminated Sites**
- **Local Land Records**
- **Records of Emergency Release Reports**
- **Other Ascertainable Records, including but not limited to:**
 - DOT OPS Incident and Accident Data
 - DOD Department of Defense Sites
 - FUDS Formerly Used Defense Sites
 - CONSENT Superfund (CERCLA) Consent Decrees
 - ROD Records Of Decision
 - US MINES Mines Master Index File
 - TRIS Toxic Chemical Release Inventory System
 - TSCA Toxic Substances Control Act
 - ICIS Integrated Compliance Information System
 - PADS PCB Activity Database System
 - FINDS Facility Index System/Facility Registry System
 - UIC Underground Injection Wells Database Listing
 - DRYCLEANERS Drycleaning Facilities
 - DEDB Ethylene Dibromide Database Results
 - NPDES Wastewater Facility Regulation Database
 - FL Cattle Dip Vats Cattle Dipping Vats
 - TIER 2 Tier 2 Facility Listing
 - INDIAN RESERV Indian Reservations
 - PRP Potentially Responsible Parties
 - 2020 COR ACTION 2020 Corrective Action Program List
 - EPA WATCH LIST EPA WATCH LIST
 - PCB TRANSFORMER PCB Transformer Registration Database
 - COAL ASH DOE Steam-Electric Plant Operation Data
 - COAL ASH EPA Coal Combustion Residues Surface Impoundments
 - Financial Assurance Financial Assurance Information Listing
- **EDR Exclusive Records**
 - EDR MGP EDR Proprietary Manufactured Gas Plants
 - EDR US Hist Cleaners EDR Exclusive Historic Dry Cleaners

6.2 Supplemental Regulatory Information

In addition to the Environmental FirstSearch Report, Tierra supplemented the regulatory records review with readily available information from various online sources as listed below. A copy of useful documentation (pertaining to Site No. 2 – Saddle Creek Mine) is included in **Appendix J**.

- **FDEP Map Direct**
- **FDEP OCULUS Document Management System**
- **FDEP Storage Tank/Contaminated Facility (STCF) search**
- **FDEP Hazardous Waste Facilities Search**
- **FDEP Solid Waste Facility Inventory**
- **EPA EnviroMapper for Envirofacts Multi-system Search**

6.3 City Directories

City directories are a listing of businesses and residences in a given area listed either by address, phone number, or name similar to a standard telephone book. For studies of this type, the listing by address for previous years is generally utilized to identify past land uses and business operations within the study area. Identification of past land uses can aid in understanding potential concerns associated with petroleum storage tanks, automotive or marine, maintenance, service or repair, and dry-cleaning processes. These types of businesses would typically store and use petroleum products, chemical fluids, solvents and produce hazardous wastes as part of their daily operations.

The majority of the study area is located in a historically rural area, outside of city limits. Therefore, a search of City Directory listings would not be expected to return additional historical results.

6.4 Aerial Photographs

Historical aerial photographs were reviewed as part of the Level I CSER to develop a history of the previous land uses along the project corridor and to identify any areas, which may have historical uses which pose potential environmental concerns. Historical aerial photographs dated 1941, 1949, 1952, 1960, 1968, 1971, 1977, 1980, 1993, 1994, 1999, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 and 2013 were reviewed from University of Florida Map & Imagery Library (UF), USGS Earth Resources Observation and Science (EROS) Center, FDOT Survey & Mapping (FDOT) and Google Earth. A summary of our review is depicted in the table below. Copies of select aerial photographs are presented in **Appendix G**.

Table 2 Summary of Aerial Photograph Review

Year	Comment	Source
1941, 1949, 1952	Generally, the land within the study area can be described as undeveloped, pastureland, woodland and low lying wet areas. SR 33, and North Combee Road are depicted in their current alignment. Old Combee Road is depicted in its original alignment with the intersection at SR 33 to the west of its current position.	UF, EROS
1960	Widening of a section of SR 33 is evident. Disturbed land surface and earthmoving activities are depicted between North Combee Road and the future location of I-4. Land clearing along the future I-4 corridor is apparent.	EROS
1968	Land clearing/earthmoving activities, strip-mining and man-made ponds, are evident throughout the study area. Residential structures are apparent near the western project limits. I-4 is depicted in its current alignment.	UF
1971	Similar to the previous photograph. Tomkow Road is now apparent.	FDOT
1977, 1980, 1993, 1994, 1995, 1999	Various stages of vegetative regrowth on previously cleared land and back filling of pond excavations is apparent. Residential and commercial development is evident near Old Combee Road and north of I-4. Reconfiguration of Old Combee Road at SR 33 is apparent in 1993/1994.	FDOT & Google Earth
2004, 2005	Commercial warehouse development is apparent on reclaimed land to the southwest of the I-4/SR 33 intersection and to the north of I-4.	Google Earth
2006, 2007, 2008, 2009, 2010, 2011, 2012	New residential construction and development of a golf course on reclaimed land is apparent to the west of the project alignment. Additional residential and commercial type structures are evident with the study area.	FDOT & Google Earth
2013	The land uses along the project alignment, within the study area, appear generally as noted during site reconnaissance.	Google Earth

The review of historical aerial photographs suggests that areas of potential environmental concern do exist within the project corridor. The sites/facilities identified are a concern due to the potential association with petroleum storage tanks, mechanical/engine maintenance, service or repair and mining spoils/tailings. They typically store and utilize petroleum products, chemical fluids, solvents and/or produce hazardous wastes as part of their daily business operations. These facilities are further discussed in the Potential Contamination Sites summary table presented in **Appendix A**.

6.5 Site Reconnaissance

Site visits were conducted in July and August 2013, to evaluate each property along the project corridor for potential contamination. The reconnaissance included a systematic inspection of each parcel adjoining the SR 33 corridor looking for signs of potential contamination. This was achieved by first driving the mainline roadway several times in both directions to get generalized information on the study area, then walking specific parcels of interest fronting the ROW to gain specific information regarding the usage and condition of the parcel. Photographs of parcels were obtained during the site inspection and select images are included in **Appendix H**.

Some of the typical physical indicators for contamination include: UST/AST fill ports and vent pipes; oil/petroleum staining; drums; chemical containers; refuse; illicit dumping; solid waste; stressed vegetation; dry cleaning facilities; materials handling from adjacent businesses; petroleum dispensers; excavated areas; agricultural use areas; chemical mix/load areas; stormwater outfall areas; surface water indicators; and other property uses that may present environmental concerns.

The site reconnaissance in conjunction with the review of historical aerial photography, soil maps and topographic maps, allows the site to be ranked as to the degree of environmental concerns as discussed in the following **Section 7.0**.

6.6 Interviews/Correspondence

Communication with land owners, facility operators, residents and governmental agencies can aid in the understanding of past and current land uses within the study area. Where possible or when necessary, interviews or requests for information are collected in an effort to identify potential concerns associated with petroleum storage tanks, automotive or marine, maintenance, service or repair, dry-cleaning processes, and other industrial or agricultural operations that could affect the project. Records of communication documenting interviews or email correspondence are included in **Appendix I**.

7.0 Determination of Potential Risk

After gathering and reviewing all readily available public information and conducting site reconnaissance, contamination risk rankings were assigned to sites of potential concern. The rating system is divided into four categories of risk as defined by the FDOT in Chapter 22 of the PD&E Guidelines Manual. These four degrees of risk are "No", "Low", "Medium" and "High". This system expresses the degree of concern for potential contamination problems. Known problems may not necessarily present a high cause for concern if the regulatory agencies are aware of the situation and actions, where necessary, are either complete or are underway, and these actions will not have an adverse impact on the proposed project.

No Risk Site

A review of all available information finds there is nothing to indicate contamination would be a problem. It is possible that contaminants were handled on the property; however, all information (DEP reports, monitoring wells, water and soil samples, etc.) indicate that contamination problems should not be expected. An example of an operation that may receive this rating is a wholesale or retail outlet that handles hazardous materials in sealed containers that are never opened while at the facility, such as cans of spray paint at a "drug store."

Low Risk Site

The former or current operation has a hazardous waste generator identification (ID) number, or deals with hazardous materials; however, based on all available information, there is no reason to believe there would be any involvement with contamination in relation to this project. This is the lowest possible rating a gasoline station operating within current regulations can receive. This rating could also apply to a retail store that blends paint. Some Low sites, such as gas stations in compliance, should be reevaluated during the design phase.

Medium Risk Site

After a review of all available information, indications are found (reports, Notice of Violations, consent orders, etc.) that identify known soil and/or water contamination and that the problem does not need remediation, is being remediated (i.e., air stripping of the groundwater, etc.), or that continued monitoring is required. The complete details of remediation requirements are important to determine what the Department 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. This rating expresses the degree of concern for potential contamination problems. Known problems may not necessarily present a high cause for concern if the regulatory agencies are aware of the situation and corrective actions are either underway or complete. The actions may not have an adverse impact on the proposed project.

High Risk Site

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 the 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 stations and which have not been evaluated or assessed would probably receive this rating.

8.0 Findings

Sixty-one (61) listings of concern (37 Geocoded, 24 Non-geocoded) were identified by the Environmental FirstSearch Report within close proximity to the project corridor and all were reviewed for potential impacts to the corridor. Most of these listings were located more than 300 feet from the ROW and excluded from further investigation, or multiple listings for facility/sites were identified. Applicable information from the FirstSearch report, for those sites deemed to be a potential contamination concern to the project, are discussed in the Mainline Potential Contamination Sites table provided in **Appendix A**. A copy of the Environmental FirstSearch Report is provided in **Appendix F**.

Based on the historical research, review of environmental record databases, site reconnaissance, and detailed file reviews completed by Tierra, a total of seven (7) facilities and/or properties have been located in and around the project corridor, which may present the potential for finding petroleum contamination or hazardous materials and therefore may impact the proposed improvements for this project. Specific details for each site are outlined in **Appendix A** and their locations are presented in **Appendix B**.

Of the seven (7) mainline sites investigated, the following risk rankings have been applied: **Zero (0) “High” ranking sites, Two (2) “Medium” ranking sites, Five (5) “Low” ranking sites, and Zero (0) sites ranked “No”** for potential contamination concerns.

For purposes of this report, facilities and the associated properties that are listed as “No” or “Low” for potential contamination based on the findings of this study are not discussed in more detail than presented in **Appendix A**.

All mainline facilities listed as “Medium” or “High” are briefly discussed below as to their present or past land use practices, which may be considered to have potential contamination risk for the project corridor. A detailed discussion of each site is presented in **Appendix A**.

8.1 Sites ranked “Medium” or “High”

Site No. 2 – Saddle Creek Mine, Risk Ranked “Medium”

This former phosphate mine was located within the study area to the east and west of the SR 33 alignment. Disturbed land surfaces (spoil piles, tailings and pond excavations) were a result of earthmoving activities during strip mining operations in the 1960s and 1970s. There exists the possibility that undesirable fill material was used as backfill during reclamation activities in this area.

Historically, the benefaction process used many types of chemical reagents, in addition to physical techniques, to separate out the phosphate. The sludge or tailings (including any used chemicals or petroleum-based reagents) were often pumped back into the excavations. It was not routine to perform direct sampling or laboratory analysis on the waste material.

Therefore, there is the potential for petroleum hydrocarbon contaminants to exist in the soils and groundwater at former mining facilities.

Site No. 3 – Bridgewater Golf Course, Risk Ranked “Medium”

This residential and golf course community is located to the west of SR 33. It is situated on peripheral land to the former Saddle Creek Mine and historical aerial photographs show earthmoving activities and pond excavations in the 1960s and 1970s. There exists the possibility that undesirable fill material was used as backfill during reclamation activities in this area.

In addition, golf courses historically used arsenic based pesticides/herbicides for vegetation and weed control on its greens. These compounds have been identified at some sites in the surficial soils at some locations when tested.

Therefore, there is the potential for petroleum hydrocarbon contaminants, arsenic and other herbicide/pesticide contaminants to exist in the soils and/or groundwater in this area.

8.2 Sites ranked “No” or “Low”

Site No. 1 – Lakeland Water Utilities Lift Station, Risk Ranked “Low”

This site is an active sanitary lift station with a petroleum powered emergency generator AST. No records of discharges, releases, violations or regulatory enforcement were identified.

Site No. 4 – JCPenney Distribution, Risk Ranked “Low”

This site is an active retail distribution center. Although mechanical service/repair areas were not observed, there exists the possibility that this facility maintains vehicles onsite or has petroleum products/hazardous materials/toxic substances storage areas. The possibility of small spills from parked vehicles could also be expected. No records of discharge, release, violations or enforcement actions have been identified.

Site No. 5 – FDOT Ops Polk Sub Main Yard, Former Tank Location, Risk Ranked “Low”

This site is an active utility/maintenance yard. This facility previously maintained two storage tanks which were removed in 1989. No records of discharge, release, violations or enforcement actions have been identified.

Site No. 6 – Gourmet Food Distribution, Risk Ranked “Low”

This site is an active retail distribution center. Although mechanical service/repair areas were not observed, there exists the possibility that this facility maintains vehicles onsite or has petroleum product/hazardous material/toxic substance storage areas. The possibility of small spills from parked vehicles could also be expected. No records of discharge, release, violations or enforcement actions have been identified.

Site No. 7 – Lakeland Auto Auction, Risk Ranked “Low”

This site is a vehicle auction/sales and service/repair facility. Typically, mechanical/engine service and repair areas are associated with various petroleum products, hazardous and toxic substances such as: oils and grease, painting and primer products, automotive fluids (such as transmission, power steering, radiator coolants) and cleaning solvents. No records of discharges, releases, violations or enforcement actions have been identified. The service area is located approximately more than 300 feet to the south of the project ROW.

9.0 Recommendations

Based on the conclusions of the study and the risk ratings noted above, the following recommendations are made for this project:

For the sites ranked “No” for potential contamination, no further action is recommended. This site have been evaluated and determined not to have any potential environmental risk to the study area at this time.

For sites ranked “Low” for potential contamination, no further action is required at this time. These sites/facilities have potential to impact the study area, but based on select variables have been determined to have low risk to the corridor at this time. Variables that may change the risk ranking include a facility’s non-compliance to environmental regulations, new discharges to the soil or groundwater, and modifications to current permits. Should any of these variables change, additional assessment of the facilities should be conducted.

For those locations with a risk ranking of “Medium” or “High”, that have not been previously assessed, Level II field screening should be conducted. These sites have been determined to have potential contaminants, which may impact the SR 33 corridor. A soil and groundwater sampling plan should be developed for each site. The sampling plan should provide sufficient detail as to the number of soil and groundwater samples to be obtained and the specific analytical test to be performed. A site location sketch for each facility showing all proposed boring locations and groundwater monitoring wells should be prepared. Prior to conducting any field screening the District Contamination Impact Coordinator (DCIC) should be notified.

Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring ROW and/or proceeding with roadway construction.

10.0 References

- Aerial photographs of Polk County
 - FDOT Survey & Mapping APLUS www.dot.state.fl.us/surveyingandmapping/
 - Google Earth www.google.com/earth/
 - Polk County Property Appraiser (PCPA) www.polkpa.org
 - University of Florida, Map & Imagery Library <http://web.uflib.ufl.edu/maps/>
 - USGS EROS Center <http://earthexplorer.usgs.gov/>

- Environmental FirstSearch Report for the project corridor, FirstSearch Technology Corporation

- EPA, Envirofacts, Multi-system Database Search www.epa.gov/enviro/

- EPA, Final National Priorities List (NPL) www.epa.gov/region4/superfund/

- FDEP, Files for Hazardous Waste Facilities for Polk County, Florida

- FDEP, Files for Solid Waste Disposal Facilities for Polk County, Florida

- FDEP, Files for Storage Tank/Contaminated Facilities (STCF) for Polk County, Florida

- FDEP, Map Direct <http://ca.dep.state.fl.us/mapdirect/>

- FDEP, OCULUS Document Management System <http://depedms.dep.state.fl.us/Oculus/>

- FDOT Chapter 22, PD&E Manual

- Polk County Government website www.polk-county.net/

- City of Lakeland Government website www.lakelandgov.net/

- USDA, NRCS Soil Survey of Polk County, Florida, Issued October 1990

- USDA, NRCS Web Soil Survey 3.0 for Polk County, Florida

- USGS, Topographic Maps <http://nationalmap.gov/historical/>
 - “Lakeland, Florida” Quadrangle dated 1944, 1975, 1975 (Photorevised 1987) and 1994
 - “Providence, Florida” Quadrangle dated 1944, 1975, and 1975 (Photorevised 1988)

11.0 Limitations

Site access was often limited to off-site boundary review due to site accessibility (fences, gates, private property, etc.). This report reflects information obtained in the field and from noted resources at the time this report was completed. Additional information may become available or site-specific conditions may have changed since the time this report was prepared and should be considered prior to acquiring right-of-way and/or proceeding with roadway construction. There exists a possibility that conditions may exist within the project study area that could not be identified or were not reasonably identifiable from the information available at the time the study was conducted. Information from other sources was obtained for the evaluation of the project corridor and is believed to be accurate; however, Tierra does not warrant or guarantee the accuracy of any third party information. The methodologies of this assessment generally follow accepted practices outlined in the FDOT PD&E Manual, Chapter 22 and are not intended to be used as contamination assessments, but rather to provide planners and design professionals with information regarding existing and potential environmental conditions that could affect the project corridor.

Appendix A

Potential Contamination Sites Summary Table

MAINLINE POTENTIAL CONTAMINATION SITES

Site No.	Site/Facility Name	Address/Location	Polk County Parcel No.	Type of Concern	Facility ID No.	Regulatory Databases	Risk Ranking	Site History, Regulatory Status and Comments
1	Lakeland Water Utilities, Lift Station	North of SR 33 and North Combee Road, Lakeland, FL 33805	24272100000012020	Petroleum Products	N/A	N/A	LOW	The site is located on the west side of SR 33 adjoining the ROW, approximately 1,100 feet north of the intersection of SR 33 and Village Lakes Boulevard/North Combee Road (CR 33A). The location is presented in Appendix B. During site reconnaissance, this site was observed as an active sanitary lift station with a petroleum powered emergency generator AST. No records of discharges, releases, violations or regulatory enforcement have been identified for this facility. Based on this information, this facility is given a risk ranking of "Low" for potential to impact the corridor.
2	Saddle Creek Phosphate Mine, Agrico Chemical Co. Reclaimed Strip-mine	SR 33, 2 miles S of I-4 (SR 33 & CR 334) and NE of North Combee Road, Lakeland, FL 33805	24272100000012010, 24272200000010000, 242715000000020000	Petroleum Products	8624455, FLD980727192, FLD000622506, FL# 000305, Site #25269, COM_31196	UST, CERCLIS, STATE	MEDIUM	The site is located west of SR 33, south of I-4 and northeast of North Combee Road, adjoining the ROW. The location is presented in Appendix B. During site reconnaissance, this area was observed to be mainly grass covered with natural vegetative regrowth. The former phosphate mine operation was located within the study area, generally to the east and west of the SR 33 alignment. Disturbed land surfaces (spoil piles, tailings and pond excavations) were a result of earthmoving activities during strip mining operations in the 1960s and 1970s. There exists the possibility that undesirable fill material was used as backfill during reclamation activities in this area. Historically, the beneficiation process used many types of chemical reagents, in addition to physical techniques, to separate out the phosphate. The sludge or tailings (including any used chemicals or petroleum-based reagents) were often pumped back into the excavations. It was not routine to perform direct sampling or laboratory analysis on the waste material. Therefore, there is the potential for petroleum hydrocarbon contaminants to exist in the soils and groundwater at former mining facilities. The FirstSearch report indicates that this facility previously maintained at least seven (7) fuel storage tanks that have all been removed: one 2,000-gallon leaded gas UST; one 500-gallon kerosene UST installed in 1968; one 550-gallon unleaded gas AST installed in 1986; one 2,000-gallon leaded gas AST installed in 1975; two 1,000-gallon diesel ASTs; and one 550-gallon diesel AST. The facility is listed as EPA Fund-Financed (End dated June 7, 1991), with a Status of "Not Proposed". According to the documentation reviewed from the FDEP's OCULUS website, there has not been assessment of soil and groundwater quality or possible impacts from former mining operations in the area of the project corridor. Based on the proximity to the ROW, regulatory information, the former mining operation facility is given a risk ranking of "Medium" for potential to impact the corridor. Additionally, a former CSX rail spur was noted during review of the historical aerial photographs and database search report. It appears that its terminus was at the former mine but more than 300 feet from the ROW. The photographs do not show evidence of rail car storage or multiple tracks and no related regulatory documentation has been identified, therefore the presence of the rail line spur terminus is not considered to be a potential contamination concern.
3	Bridgewater Golf Course	2525 Village Lakes Blvd, Lakeland, FL 33805	24272100000011020	Arsenic, Pesticides/Herbicides	N/A	N/A	MEDIUM	The Golf Club at Bridgewater is located in the Bridgewater residential community, approximately 1,800 feet to the north of the intersection of SR 33 and Village Lakes Boulevard, adjoining the project corridor. The location is presented in Appendix B. During site reconnaissance, this site was observed as a residential community with an overgrown golf course. It did not appear that construction of the golf course and associated buildings were completed due to the vegetative cover observed and low number of residences in the development. This residential and golf course community is located to the west of SR 33. It is situated on peripheral land to the former Saddle Creek Mine and historical aerial photographs show earthmoving activities and pond excavations in the 1960s and 1970s. There exists the possibility that undesirable fill material was used as backfill during reclamation activities in this area. In addition, golf courses historically used arsenic based pesticides/herbicides for vegetation and weed control on its greens. These compounds have been identified at some sites in the surficial soils at some locations when tested. Therefore, there is the potential for petroleum hydrocarbon contaminants, arsenic and other herbicide/pesticide contaminants to exist in the soils and/or groundwater in this area. No records of discharge, release, violations or enforcement action have been identified for this facility. This facility was not listed in the FirstSearch report. Based on the historical use of the land in this area and proximity to the ROW, this facility is given a risk ranking of "Medium" for potential to impact the corridor.
4	JCPenney Distribution	6800 SR 33, Lakeland, FL 33805	242715161081000010	Petroleum Products & Hazardous Wastes	N/A	N/A	LOW	The site is located west of the intersection of SR 33 and Fastpark Boulevard, adjoining the project ROW. The location is presented in Appendix B. During site reconnaissance, this site was observed as an active retail distribution center. Although, mechanical service/repair areas were not observed, there exists the possibility that this facility maintains vehicles onsite or has petroleum product/hazardous material/toxic substance storage areas. The possibility of small spills from parked vehicles could also be expected. No records of discharge, release, violations or enforcement actions have been identified. Based on this information, this facility is given a risk ranking of "Low" for potential to impact the corridor.
5	TIIT-FDOT Ops Polk Sub Main Yard, Former Tank Location	7901 SR 33, Lakeland, FL 33809	242710000000024020	Petroleum Products	8943985	UST	LOW	The site is located east of the intersection of SR 33 and Tomkow road, adjoining the project ROW. The location is presented in Appendix B. During site reconnaissance, this site was observed as an active utility/maintenance yard. According to the FirstSearch report this facility previously maintained two storage tanks: one 1,428-gallon unleaded gas UST and one 522-gallon diesel UST, which were removed in 1989. No records of discharge, release, violations or enforcement actions have been identified. Based on this information, this facility is given a risk ranking of "Low" for potential to impact the corridor.
6	Gourmet Food Distribution	8000 N. SR 33, Lakeland, FL 33809	242710000000022030	Petroleum Products & Hazardous Wastes	N/A	N/A	LOW	The site is located approximately 1,000 feet to the northeast of the intersection of SR 33 and Tomkow Road. The location is presented in Appendix B. During site reconnaissance, this site was observed as an active retail distribution center. Although, mechanical service/repair areas were not observed, there exists the possibility that this facility maintains vehicles onsite or has petroleum product/hazardous material/toxic substance storage areas. The possibility of small spills from parked vehicles could also be expected. No records of discharge, release, violations or enforcement actions have been identified. Based on this information, this facility is given a risk ranking of "Low" for potential to impact the corridor.
7	Lakeland Auto Auction	8025 N. SR 33, Lakeland, FL 33809	242710000000022020, 242710000000022010	Petroleum Products & Hazardous Wastes	8628555, FLD98211441, Site #5224	UST, RCRA	LOW	This site is located east of the intersection of SR 33 and Tomkow Road, adjoining the project corridor. The location is presented in Appendix B. During site reconnaissance the site was observed to be vehicle auction/sales and service/repair facility. According to the regulatory information reviewed this facility previously maintained one 10,000-gallon unleaded gas UST, which was installed in 1980 and removed in 1990. In addition, mechanical/engine service and repair areas are associated with various petroleum products, hazardous and toxic substances such as: oils and grease, painting and primer products, automotive fluids (such as transmission, power steering, radiator coolants) and cleaning solvents. Typically, they generate between 100 kg and 1,000 kg of hazardous waste per month. This facility is registered as an SQG of hazardous waste. No records of discharges, releases, violations or enforcement actions have been identified. Based on this information and physical distance of the service area (more than 300 feet) south of the project ROW, this facility is given a risk ranking of "Low" for potential to impact the corridor.

Appendix B

Project Location and Potential Contamination Sites Map



SOURCE: FDOT SURVEY AND MAPPING DATED 2011

PROJECT LOCATION MAP



DRAWN BY: BJS CHECKED BY: CEK	APPROVED BY: DRP DATE: SEPT 2013	FPN/FPID: 430185-1-22-01	 TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486	SCALE: NOTED	PROJECT NUMBER: 6511-12-026A	SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA	FIGURE B-1
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SOURCE: FDOT SURVEY AND MAPPING DATED 2011

POTENTIAL CONTAMINATION SITES



DRAWN BY:

BJS

CHECKED BY:

CEK

APPROVED BY:

DRP

DATE:

DEC 2013

FPN/FPID: 430185-1-22-01



TIERRA

7351 Temple Terrace Highway
Tampa, Florida 33637
Phone: 813-989-1354 Fax: 813-989-1355
FL Cert. No.: 6486

SCALE:

NOTED

PROJECT NUMBER:

6511-12-026A

SR 33 PD&E STUDY
FROM OLD CROMBEE ROAD TO TOMKOW ROAD
POLK COUNTY, FLORIDA

FIGURE B-2

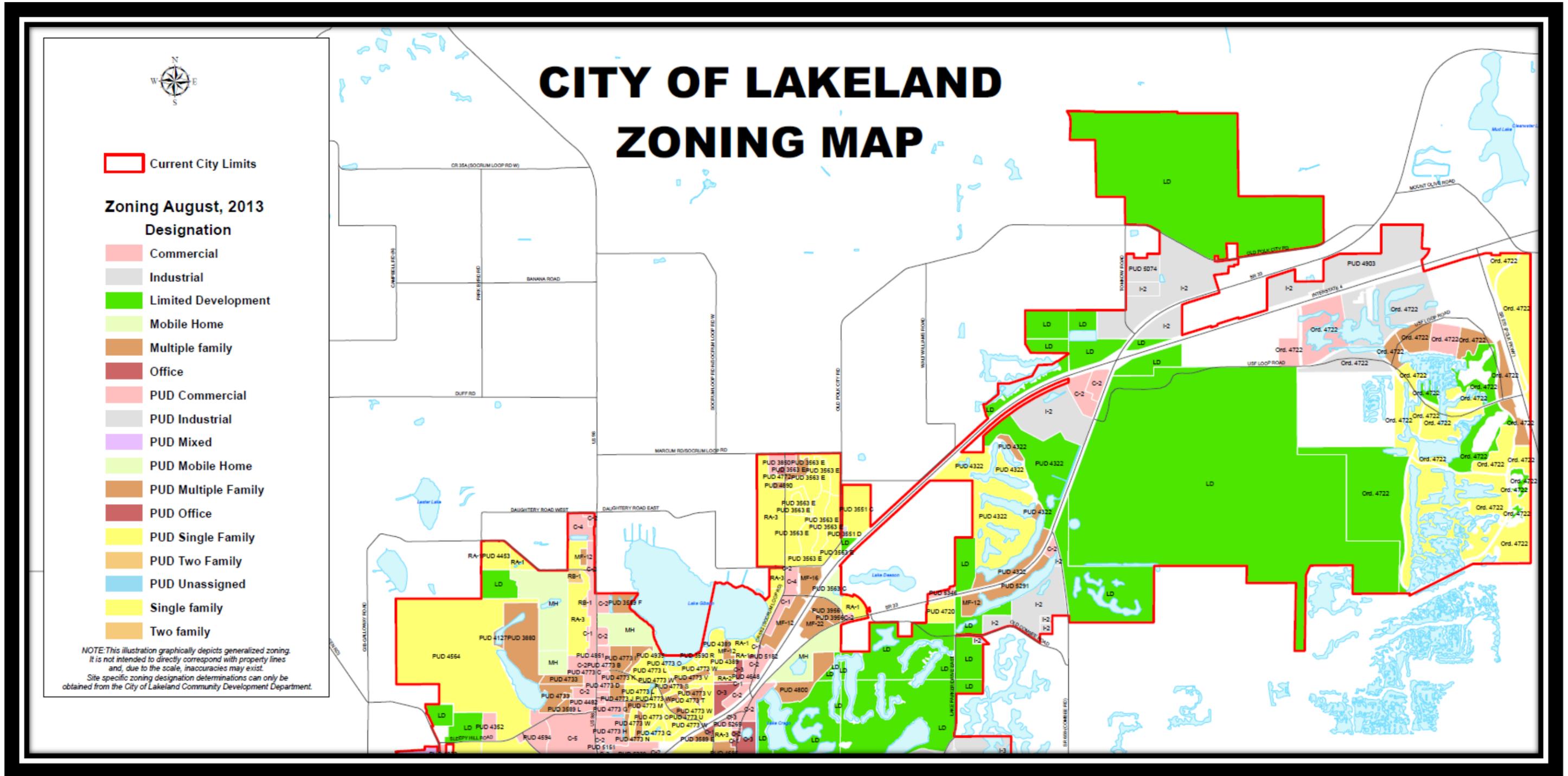
\$USER\$

\$DATE\$

\$TIME\$

\$FILE\$

Appendix C
County Land Use Maps



Portion of the "City of Lakeland Zoning Map" dated August 2013

From the City of Lakeland, Florida website <http://www.lakelandgov.net/>

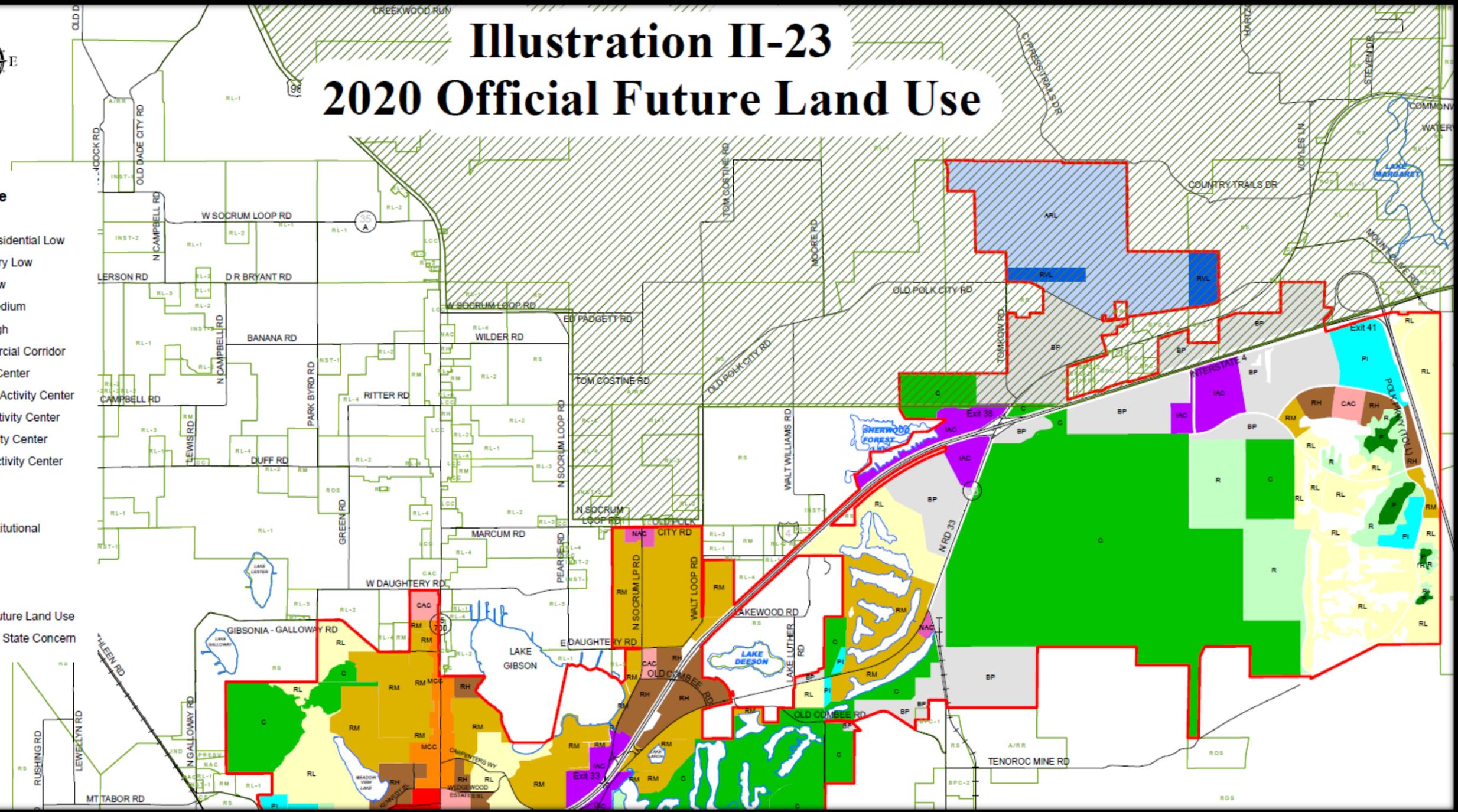
Not to Scale

Illustration II-23 2020 Official Future Land Use



Future Land Use Designations

- Agriculture Residential Low
- Residential Very Low
- Residential Low
- Residential Medium
- Residential High
- Mixed Commercial Corridor
- Convenience Center
- Neighborhood Activity Center
- Community Activity Center
- Regional Activity Center
- Interchange Activity Center
- Business Park
- Industrial
- Public and Institutional
- Recreation
- Conservation
- Preservation
- Polk County Future Land Use
- Area of Critical State Concern



Portion of the "City of Lakeland Future Land Use Map" dated August 2013

From the City of Lakeland, Florida website <http://www.lakelandgov.net/>

Not to Scale

Appendix D
NRCS Soil Map



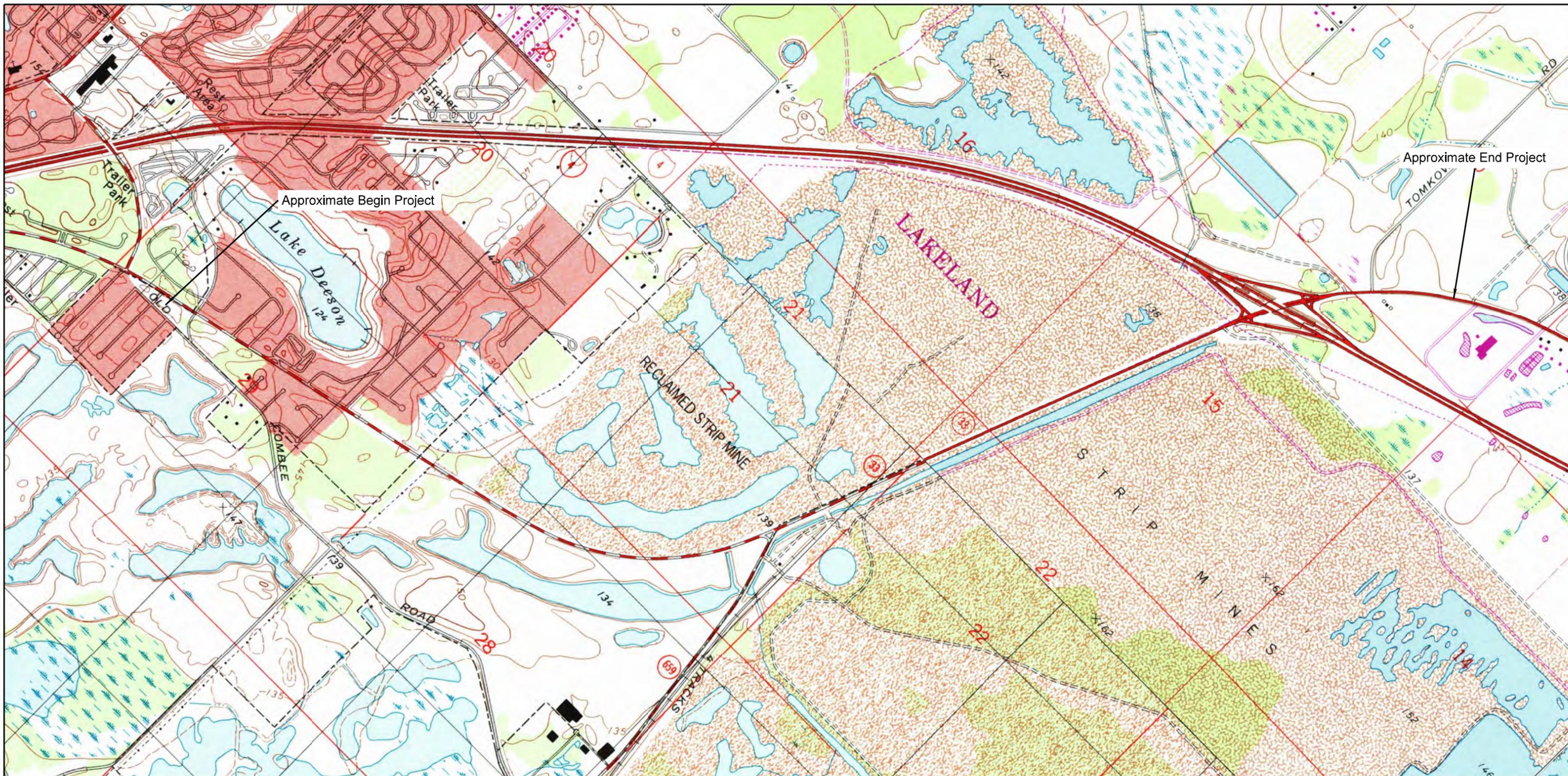
NRCS SOIL MAP



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE D</p>
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Appendix E

USGS Topographic Maps



SOURCE: USGS 7.5-MINUTE "LAKELAND, FLORIDA" DATED 1994, "PROVIDENCE, FLORIDA" DATED 1975 (PHOTOREVISED 1988)

USGS TOPOGRAPHIC MAP



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE E</p>
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Appendix F

Environmental FirstSearch Report

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property: SR 33 PD E

SR 33

LAKELAND FL 33815

Job Number: 6511-12-026A

PREPARED FOR:

Tierra Inc

7351 Temple Terrace Hwy

Tampa, FL 33637

03-29-12



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch Search Summary Report

Target Site: SR 33

LAKELAND FL 33815

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	02-01-12	0.25	0	0	0	-	-	0	0
NPL Delisted	Y	02-01-12	0.25	0	0	0	-	-	0	0
CERCLIS	Y	02-27-12	0.25	1	0	0	-	-	2	3
NFRAP	Y	02-27-12	0.25	0	0	0	-	-	0	0
RCRA COR ACT	Y	01-10-12	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	01-10-12	0.25	0	0	0	-	-	0	0
RCRA GEN	Y	01-10-12	0.25	1	1	1	-	-	2	5
Federal Brownfield	Y	02-01-12	0.25	0	0	0	-	-	0	0
ERNS	Y	01-11-12	0.25	0	0	1	-	-	8	9
Tribal Lands	Y	12-01-05	0.25	0	0	0	-	-	4	4
State/Tribal Sites	Y	02-27-12	0.25	1	0	0	-	-	0	1
State Spills 90	Y	01-05-12	0.25	0	0	0	-	-	1	1
State/Tribal SWL	Y	04-29-11	0.25	0	0	0	-	-	1	1
State/Tribal LUST	Y	10-06-11	0.25	0	0	0	-	-	3	3
State/Tribal UST/AST	Y	01-05-12	0.25	3	1	1	-	-	3	8
State/Tribal EC	Y	02-17-12	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	02-17-12	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal Brownfields	Y	12-29-11	0.25	0	0	0	-	-	0	0
State Other	Y	11-02-10	0.25	0	2	0	-	-	0	2
Federal IC/EC	Y	03-13-12	0.50	0	0	0	0	-	0	0
Dry Cleaners	Y	01-05-12	0.25	0	0	0	-	-	0	0
- TOTALS -				6	4	3	0	0	24	37

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

**Environmental FirstSearch
Site Information Report**

Request Date: 03-29-12
Requestor Name: amize/tierra/bc
Standard: LINEAR

Search Type: LINEAR
 4.66 mile(s)
Job Number: 6511-12-026A
Filtered Report

Target Site: SR 33
 LAKELAND FL 33815

Demographics

Sites: 37	Non-Geocoded: 24	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-81.913419	-81:54:48	Easting: 410292.227
Latitude:	28.127262	28:7:38	Northing: 3111464.856
Elevation:	N/A		Zone: 17

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.5 Mile(s)	Services:
--	------------------

<u>ZIP Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>	<u>Requested?</u>	<u>Date</u>
33805	LAKELAND	FL	0.00 --	Y	Fire Insurance Maps	No
33809	LAKELAND	FL	0.00 --	Y	Aerial Photographs	No
33823	AUBURNDALE	FL	0.00 --	Y	Historical Topos	No
33868	POLK CITY	FL	0.42 NE	N	City Directories	No
					Title Search/Env Liens	No
					Municipal Reports	No
					Online Topos	No

Environmental FirstSearch Sites Summary Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

TOTAL: 37 **GEOCODED:** 13 **NON GEOCODED:** 24 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	UST	AGRICO MINING CO-SADDLE CREEK 538624455/CLOSED	SR 33-2 MI S OF I-4 LAKELAND FL 33805	0.00 --	N/A	2
1	CERCLIS	AGRICO CHEM CO/SADDLE CREEK MI FLD980727192/NOT PROPOSED	JCT S 33 and 334 LAKELAND FL 33805	0.00 --	N/A	3
1	STATE	AGRICO CHEM (SADDLE CR MINE) SITE 000305/STATE SITE	S33 and 334 JCT LAKELAND FL 33805	0.00 --	N/A	3
2	UST	LAKELAND AUTO AUCTION 538628555/CLOSED	8025 N SR 33 LAKELAND FL 33809	0.00 --	N/A	4
2	RCRAGN	LAKELAND AUTO AUCTION FLD982114415/SGN	8025 STATE 33 RD N LAKELAND FL 33809	0.00 --	N/A	6
3	UST	OTIS TRUCKING CO INC 539701005/CLOSED	8139 SR 33 N LAKELAND FL 33809	0.00 --	N/A	7
4	UST	FL DEPT OF TRANSPORTATION-POLK 538943985/CLOSED	HWY 33 N OF HWY 400 LAKELAND FL 33809	0.01 NW	N/A	8
5	OTHER	FLORIDA GEOGRAPHIC DATA LIBRAR 16-070	UNKNOWN LAKELAND FL 33805	0.07 NW	N/A	9
6	OTHER	FLORIDA GEOGRAPHIC DATA LIBRAR 16-021	UNKNOWN LAKELAND FL 33805	0.08 SE	N/A	11
7	RCRAGN	MR DRUM FLD984229666/SGN	8139 SR 33 N LAKELAND FL 33809	0.12 SE	N/A	13
8	ERNS	8100 US HIGHWAY 33 NORTH NRC-851800/MOBILE	8100 STATE HWY 33 LAKELAND FL 33809	0.22 NW	N/A	15
8	RCRAGN	LAKELAND DRAG STRIP INC FLR000143388/VGN	8100 STATE HWY 33 LAKELAND FL 33809	0.22 NW	N/A	18
8	UST	LAKELAND DRAG STRIP 539700748/CLOSED	8100 STATE HWY 33 LAKELAND FL 33809	0.22 NW	N/A	19

Environmental FirstSearch Sites Summary Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

TOTAL: 37 **GEOCODED:** 13 **NON GEOCODED:** 24 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
ERNS		JandP TRANSPORTATION 524327/UNKNOWN	I-4 WEST OF LAKELAND BTWN E LAKELAND FL	NON GC	N/A	N/A
CERCLIS		SOUTH CENTRAL AVE PCE PLUME FLN000410228/NOT PROPOSED	449 S CENTRAL AVE LAKELAND FL 33815	NON GC	N/A	N/A
CERCLIS		CALLAWAY DRUM RECYCLING FLN000407303/NOT PROPOSED	BERKELEY RD AUBURNDALE FL 33823	NON GC	N/A	N/A
RCRAGN		DEBARTELO CORPORATION FLTMP9304036/VGN	I4 and SR 30/OLD COMBEE R LAKELAND FL 33805	NON GC	N/A	N/A
RCRAGN		7 - ELEVEN INC STORE 32974 FLT040073504/VGN	290 LAKELAND PARK BLVD LAKELAND FL 33809	NON GC	N/A	N/A
SWL		KRAUSE PROPERTY DEBRIS STAGING 98266/PROPOSED	RAMROD KEY KEY WEST FL 33805	NON GC	N/A	N/A
TRIBALLAND		BUREAU OF INDIAN AFFAIRS CONTA BIA-33809	UNKNOWN FL 33809	NON GC	N/A	N/A
TRIBALLAND		BUREAU OF INDIAN AFFAIRS CONTA BIA-33805	UNKNOWN FL 33805	NON GC	N/A	N/A
TRIBALLAND		BUREAU OF INDIAN AFFAIRS CONTA BIA-33815	UNKNOWN FL 33815	NON GC	N/A	N/A
LUST		AUBURNDALE DOH WELLS-INVESTIGA 539811357/FACILITY CLOSED	TARPON RD AUBURNDALE FL 33823	NON GC	N/A	N/A
LUST		SAMS GAS 6441 539802682/FACILITY OPEN	4600 UNITED STATES HIGHWAY LAKELAND FL 33809	NON GC	N/A	N/A
LUST		7-ELEVEN FOOD STORE 32974 539802566/FACILITY OPEN	290 LAKELAND PARK BLVD LAKELAND FL 33809	NON GC	N/A	N/A
UST		KENAN TRANSPORT SPILL 539803451/CLOSED	I-4 EAST and HWY 98 LAKELAND FL 33809	NON GC	N/A	N/A
ERNS		FLORIDA REFUSE SVS 616144/HIGHWAY RELATED	COMBEE NEAR FLEET WING GAS LAKELAND FL	NON GC	N/A	N/A
UST		FL DEPT OF TRANSPORTATION ROW- 539806021/CLOSED	SE CORNER OF MASS LAKELAND LAKELAND FL 33815	NON GC	N/A	N/A
ERNS		GULF ISLAND PIPE INC 604973/HIGHWAY RELATED	I-4 WESTBOUND UNDER 192 OVE LAKELAND FL	NON GC	N/A	N/A
SPILLS		7-ELEVEN FOOD STORE 32974 539802566/OPEN	290 LAKELAND PARK BLVD LAKELAND FL 33809	NON GC	N/A	N/A
ERNS		11589/UNKNOWN	HIGHWAY 98 SOUTH OF LAKELAN LAKELAND FL 33809	NON GC	N/A	N/A
ERNS		460311/HIGHWAY RELATED	I-4 WESTBOUND 50TH ST LAKELAND FL	NON GC	N/A	N/A
ERNS		NRC-551369/MOBILE	I-4 WEST NEAR EXIT 17 LAKELAND FL	NON GC	N/A	N/A

***Environmental FirstSearch
Sites Summary Report***

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

TOTAL: 37 **GEOCODED:** 13 **NON GEOCODED:** 24 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
ERNS		388475/HIGHWAY RELATED	I-4 NEAR LAKELAND LAKELAND FL	NON GC	N/A	N/A
ERNS		JandP TRANSPORTATION 556615/HIGHWAY RELATED	I-4 WEST OF LAKELAND BTWN E LAKELAND FL	NON GC	N/A	N/A
TRIBALLAND		BUREAU OF INDIAN AFFAIRS CONTA BIA-33823	UNKNOWN FL 33823	NON GC	N/A	N/A
UST		7-ELEVEN FOOD STORE 32974 539802566/OPEN	290 LAKELAND PARK BLVD LAKELAND FL 33809	NON GC	N/A	N/A

Environmental FirstSearch Site Detail Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

UST

SEARCH ID: 9 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 1

NAME: AGRICO MINING CO-SADDLE CREEK MINE	REV: 1/5/11
ADDRESS: SR 33-2 MI S OF I-4	ID1: 538624455
PROVIDENCE FL 33801	ID2: 8624455.00
POLK	STATUS: CLOSED
CONTACT:	PHONE: (000) 000-0000
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 7

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	14	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	2000		
CONTENT:	A - LEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	14R1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-SEP-1986	STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	550		
CONTENT:	B - UNLEADED GAS		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	16	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JUL-1975	STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	2000		
CONTENT:	A - LEADED GAS		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	17	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	1000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	18	STATUS:	CLOSED
-----------------	----	----------------	--------

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

UST

SEARCH ID: 9 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 1

NAME: AGRICO MINING CO-SADDLE CREEK MINE	REV: 1/5/11
ADDRESS: SR 33-2 MI S OF I-4	ID1: 538624455
PROVIDENCE FL 33801	ID2: 8624455.00
POLK	STATUS: CLOSED
CONTACT:	PHONE: (000) 000-0000
SOURCE: FL DEP	

TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	1000		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	19	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:		STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	550		
CONTENT:	D - VEHICULAR DIESEL		
PLACE:	ABOVEGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

TANK ID:	20	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-JAN-1968	STAT DATE:	
TK STAT:	B - REMOVED		
CAPACITY(GAL):	500		
CONTENT:	K - KEROSENE		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

CERCLIS

SEARCH ID: 1 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 1

NAME: AGRICO CHEM CO/SADDLE CREEK MINE	REV: 2/27/12
ADDRESS: JCT S 33 and 334 LAKELAND FL 33801	ID1: FLD980727192
POLK	ID2: 0400911
CONTACT: WILLIAM JOYNER	STATUS: NOT PROPOSED
SOURCE: EPA	PHONE: 4045628795

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
site inspection Low priority for further assessment	EPA Fund-Financed		6/7/1991
preliminary assessment Low priority for further assessment	State, Fund Financed		9/12/1985
discovery	EPA Fund-Financed		11/1/1979

DESCRIPTION:

STATE

SEARCH ID: 6 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 1

NAME: AGRICO CHEM (SADDLE CR MINE)	REV: 11/19/97
ADDRESS: S33 and 334 JCT LAKELAND FL 33801	ID1: SITE 000305
POLK	ID2:
CONTACT:	STATUS: STATE SITE
SOURCE:	PHONE:

REGION: S

LTBI DATE:	NPL: NO	CURRENT STATUS:
CONFIRM DATE:	PUB INV:	PET/HAZ:
DELETED DATE:	INIT ACTION:	REMEDATION:
REMED DATE:	RESP ACTION:	
WAIVER DATE:	PRIORITY:	

CONTENT:
LOCATION:
RESULTS:

GROUND WATER:

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

UST

SEARCH ID: 11 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 2

NAME: LAKELAND AUTO AUCTION
ADDRESS: 8025 N SR 33
LAKELAND FL 33809
POLK
CONTACT: CLIFF PATTERSON
SOURCE: FL DEP

REV: 1/5/11
ID1: 538628555
ID2: 8628555.00
STATUS: CLOSED
PHONE: (813) 984-1551

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1
FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID:	1	STATUS:	CLOSED
TVI:	TANK	DEP CO:	NO
INSTALLED:	01-MAR-1980	STAT DATE:	30-NOV-1990
TK STAT:	B - REMOVED		
CAPACITY(GAL):	10000		
CONTENT:	B - UNLEADED GAS		
PLACE:	UNDERGROUND		
TYPE:	C - FUEL USER/NON-RETAIL		

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 2

NAME: LAKELAND AUTO AUCTION ADDRESS: 8025 STATE 33 RD N LAKELAND FL 33809 POLK CONTACT: SOURCE: EPA	REV: 1/10/12 ID1: FLD982114415 ID2: STATUS: SGN PHONE:
--	---

SITE INFORMATION

CONTACT INFORMATION: CLIFF PATTERSON
PO BOX 90007
LAKELAND FL 33804-0007

PHONE: 9419841551

OWNER NAME: CLIFF PATTERSON
OWNER TYPE: P-PRIVATE
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS: PO BOX 90007 8025 STATE ROAD 33 N
LAKELAND, FL 33804-0007

UNIVERSE INFORMATION:

RECEIVED DATE: 11/28/1989

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.00 -- **ELEVATION:** 136 **MAP ID:** 2

NAME: LAKELAND AUTO AUCTION
ADDRESS: 8025 STATE 33 RD N
LAKELAND FL 33809
POLK
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLD982114415
ID2:
STATUS: SGN
PHONE:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste

F003 - The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent non- halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F005 - The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

Environmental FirstSearch
Site Detail Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

UST

SEARCH ID: 12 **DIST/DIR:** 0.00 -- **ELEVATION:** 140 **MAP ID:** 3

NAME: OTIS TRUCKING CO INC	REV: 1/5/11
ADDRESS: 8139 SR 33 N	ID1: 539701005
LAKELAND FL 33809	ID2: 9701005.00
POLK	STATUS: CLOSED
CONTACT: OTIS SHUMATE	PHONE: (863) 984-9405
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-AUG-1997	STAT DATE: 01-NOV-2000
TK STAT: B - REMOVED	
CAPACITY(GAL): 10000	
CONTENT: D - VEHICULAR DIESEL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

Environmental FirstSearch
Site Detail Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

UST

SEARCH ID: 10 **DIST/DIR:** 0.01 NW **ELEVATION:** 136 **MAP ID:** 4

NAME: FL DEPT OF TRANSPORTATION-POLK CITY	REV: 1/5/11
ADDRESS: HWY 33 N OF HWY 400	ID1: 538943985
POLK CITY FL	ID2: 8943985.00
POLK	STATUS: CLOSED
CONTACT: MICKEY HARRISON	PHONE: (863) 519-2321
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 2

FACILITY TYPE: G - STATE GOVERNMENT
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-JUL-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 1428		
CONTENT: B - UNLEADED GAS		
PLACE: UNDERGROUND		
TYPE: G - STATE GOVERNMENT		

TANK ID: 2	STATUS: CLOSED	
TVI: TANK	DEP CO: NO	
INSTALLED:	STAT DATE: 31-JUL-1989	
TK STAT: B - REMOVED		
CAPACITY(GAL): 522		
CONTENT: D - VEHICULAR DIESEL		
PLACE: UNDERGROUND		
TYPE: G - STATE GOVERNMENT		

***Environmental FirstSearch
Site Detail Report***

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

OTHER

SEARCH ID: 8 **DIST/DIR:** 0.07 NW **ELEVATION:** 134 **MAP ID:** 5

NAME: FLORIDA GEOGRAPHIC DATA LIBRARY, SINKHOLES OF FLOR **REV:** 8/12/02
ADDRESS: UNKNOWN **ID1:** 16-070
FL **ID2:**
POLK **STATUS:**
CONTACT: **PHONE:**
SOURCE:

SITE INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

OTHER

SEARCH ID: 7 **DIST/DIR:** 0.08 SE **ELEVATION:** 140 **MAP ID:** 6

NAME:	FLORIDA GEOGRAPHIC DATA LIBRARY, SINKHOLES OF FLOR	REV:	8/12/02
ADDRESS:	UNKNOWN	ID1:	16-021
	FL	ID2:	
	POLK	STATUS:	
CONTACT:		PHONE:	
SOURCE:			

SITE INFORMATION

DATE ADDED:
DATE REVISED:
DATE OCCURRED: //66
USGS TOPO QUAD: LAKELAND

LAND OWNER INFORMATION:

NAME: D.O.T.
ADDRESS: N.A.
PHONE:

SINKHOLE LENGTH:	100.00	SINKHOLE WIDTH:	100.00
SINKHOLE DEPTH:	70.00	WALL SLOPE:	999
DIMENTIONS:	UNKNOWN	SHAPE:	UNKNOWN
WATER IN HOLE:	NO	DEPTH OF WATER:	0.00
LIME VISIBLE:	UNKNOWN	CAVERN VISIBLE:	UNKNOWN
SUBSIDENCE RATE:	U		

MECHANISM

INDICATORS

RUNOFF POUNDING:	0	GROUND CRACKS:	
TILTING OBJECTS:		SMALL HOLES:	
WELL TURBIDITY:		VEG CHANGE:	
PROPERTY DAMAGE:	UNKNOWN	SINK REPAIRED:	UNKNOWN
REPAIRS PLANNED:	UNKNOWN		

TOPOGRAPHY

FLAT:	1	SLOPE:	
VALLEY BOTTOM:		DEPRESSION:	
OTHER:			
DRAINAGE STRUCTURE:		SOIL TYPE:	UNKNOWN

COMMENTS:

MANY SINKS AND LAKES IN AREA
END

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

OTHER

SEARCH ID: 7 **DIST/DIR:** 0.08 SE **ELEVATION:** 140 **MAP ID:** 6

NAME: FLORIDA GEOGRAPHIC DATA LIBRARY, SINKHOLES OF FLOR **REV:** 8/12/02
ADDRESS: UNKNOWN **ID1:** 16-021
FL **ID2:**
POLK **STATUS:**
CONTACT: **PHONE:**
SOURCE:

LANDUSE

CROPS: **PASTURE:** 0
FOREST: **GROVE:**
WETLAND: **INDUSTRIAL:**

SITE ACCESS

ROAD-UNKNOWN

Environmental FirstSearch Site Detail Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.12 SE **ELEVATION:** 140 **MAP ID:** 7

<p>NAME: MR DRUM ADDRESS: 8139 SR 33 N LAKELAND FL 33850 POLK CONTACT: SOURCE: EPA</p>	<p>REV: 1/10/12 ID1: FLD984229666 ID2: STATUS: SGN PHONE:</p>
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SITE INFORMATION

CONTACT INFORMATION: SCOTT HARRELL
PO BOX 1206
LAKE ALFRED FL 33850-1206

PHONE: 8139843747

OWNER NAME: SCOTT HARRELL
OWNER TYPE: P-PRIVATE
OPERATOR:
OPERATOR TYPE:
MAILING ADDRESS: PO BOX 1206
LAKE ALFRED, FL 33850-1206

UNIVERSE INFORMATION:

RECEIVED DATE: 04/02/1992

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.12 SE **ELEVATION:** 140 **MAP ID:** 7

NAME: MR DRUM	REV: 1/10/12
ADDRESS: 8139 SR 33 N	ID1: FLD984229666
LAKELAND FL 33850	ID2:
POLK	STATUS: SGN
CONTACT:	PHONE:
SOURCE: EPA	

ENFORCEMENT INFORMATION:

AGENCY: STATE	DATE: 92/15/1992
TYPE: DEP WARNING LETTER	

VIOLATION INFORMATION:

VIOLATION NUMBER: 1	RESPONSIBLE: S - STATE
DETERMINED: 92/09/1992	DETERMINED BY: S - STATE
CITATION:	RESOLVED: 92/18/1992
TYPE: LISTING - GENERAL	

VIOLATION NUMBER: 2	RESPONSIBLE: S - STATE
DETERMINED: 92/09/1992	DETERMINED BY: S - STATE
CITATION:	RESOLVED: 92/05/1992
TYPE: GENERATORS - GENERAL	

Environmental FirstSearch Site Detail Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

ERNS

SEARCH ID: 5 **DIST/DIR:** 0.22 NW **ELEVATION:** 139 **MAP ID:** 8

<p>NAME: 8100 US HIGHWAY 33 NORTH ADDRESS: 8100 STATE HWY 33 LAKELAND HIGHLANDS FL POLK CONTACT: SOURCE: NRC</p>	<p>REV: 12/31/07 ID1: NRC-851800 ID2: STATUS: MOBILE PHONE:</p>
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SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 10/16/2007 9:58:13 PM	10/16/2007 9:46:27 PM	DATE COMPLETE:
CALL TAKER:	CALL TYPE:	INC

RESPONSIBLE PARTY:
PHONE 1:
PHONE 2:
PHONE 3:

RESPONSIBLE COMPANY: MR ASPHALT
ORGANIZATION TYPE: PRIVATE ENTERPRISE

ADDRESS:
 LAKELAND FL

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER IS REPORTING A DISCHARGE OF MOTOR OIL FROM THE TRUCK DUE TO MOD BOGGIN RACING IN THE WATER. AS THESE VEHICLES ARE COMPETING MOTOR FLUID GOES DIRECTLY IN THE WATER DUE TO MOTORS BREAKING DOWN DURING RACING. CALLER STATES THAT THIS HAS BEEN GOING ON

INCIDENT TYPE:	MOBILE	INCIDENT CAUSE:	OTHER
INCIDENT DATE: DISCOVERED	10/15/2007 11:30:00 AM	INCIDENT DATE DESC:	
DISTANCE FROM CITY:		DISTANCE UNITS:	
DIRECTION FROM CITY:		LOCATION SECTION:	
LOCATION TOWNSHIP:		LOCATION RANGE:	

<p>AIRCRAFT TYPE: AIRCRAFT ID: AIRCRAFT FUEL CAPACITY UNITS: AIRCRAFT FUEL ON BOARD UNITS: AIRCRAFT HANGER: ROAD MILE MARKER: TYPE OF FIXED OBJECT: GENERATING CAPACITY: NPDES: PIPELINE TYPE: PIPELINE ABOVE GROUND: ABOVE PIPELINE COVERED: UNKNOWN LOCATION SUBDIVISION: TYPE VEHICLE INVOLVED: DEVICE OPERATIONAL: YES</p>	<p>AIRCRAFT MODEL: AIRCRAFT FUEL CAPACITY: AIRCRAFT FUEL ON BOARD: AIRCRAFT SPOT NUMBER: AIRCRAFT RUNWAY NUM: BUILDING ID: POWER GEN FACILITY: UNKNOWN TYPE OF FUEL: NPDES COMPLIANCE: UNKNOWN DOT REGULATED: UNKNOWN EXPOSED UNDERWATER: NO GRADE CROSSING: UNKNOWN RAILROAD MILEPOST: CROSSING DEVICE TYPE:</p>
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- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

ERNS

SEARCH ID: 5 **DIST/DIR:** 0.22 NW **ELEVATION:** 139 **MAP ID:** 8

NAME: 8100 US HIGHWAY 33 NORTH	REV: 12/31/07
ADDRESS: 8100 STATE HWY 33	ID1: NRC-851800
LAKELAND HIGHLANDS FL	ID2:
POLK	STATUS: MOBILE
CONTACT:	PHONE:
SOURCE: NRC	

DOT CROSSING NUMBER:	BRAKE FAILURE: UNKNOWN
TANK ABOVE GROUND: ABOVE	TRANSPORTABLE CONTAINER: UNKNOWN
TANK REGULATED: UNKNOWN	TANK REGULATED BY:
TANK ID:	CAPACITY OF TANK:
CAPACITY OF TANK UNITS:	ACTUAL AMOUNT:
ACTUAL AMOUNT UNITS:	PLATFORM RIG NAME:
PLATFORM LETTER:	LOCATION AREA ID:
LOCATION BLOCK ID:	

DESCRIPTION OF TANK:

OCSG NUMBER:	OCSF NUMBER:
STATE LEASE NUMBER:	PIER DOCK NUMBER:
BERTH SLIP NUMBER:	CONTIN RELEASE TYPE:
INITIAL CONT RELEASE NUM:	CONT RELEASE PERMIT:
ALLISION: UNKNOWN	TYPE OF STRUCTURE:
STRUCTURE NAME:	STRUCT OPERATIONAL: UNKNOWN
AIRBAG DEPLOYED: UNKNOWN	DATE NORMAL SERVICE:
SERVICE DISRUPT TIME:	SERVICE DISRUPT UNITS:
TRANSIT BUS FLAG:	CR BEGIN DATE:
CR END DATE:	CR CHANGE DATE:

FIRE INVOLVED: NO	FIRE EXTINGUISHED: UNKNOWN
ANY EVACUATIONS: NO	NUMBER EVACUATED:
WHO EVACUATED:	RADIUS OF EVACUATION:
ANY INJURIES: NO	NUMBER INJURED:
NUMBER HOSPITALIZED:	ANY FATALITIES: NO
NUMBER FATALITIES:	ANY DAMAGES: NO
DAMAGE AMOUNT:	AIR CORRIDOR CLOSED: NO
AIR CORRIDOR DESC:	AIR CLOSURE TIME:
WATERWAY CLOSED: NO	WATERWAY DESC:
WATERWAY CLOSURE TIME:	ROAD CLOSED: NO
ROAD DESC:	ROAD CLOSURE TIME:
CLOSURE DIRECTION:	MAJOR ARTERY: NO

TRACK CLOSED: NO	TRACK DESC:
TRACK CLOSURE TIME:	MEDIA INTEREST: NONE
MEDIUM DESC: WATER	ADDTL MEDIUM INFO:
BODY OF WATER: LAKELAND LAKE	TRIBUTARY OF:
NEAREST RIVER MILE MARK:	RELEASE SECURED: UNKNOWN
EST DUR OF RELEASE:	RELEASE RATE:
TRACK CLOSE DIR:	ST AGENCY ON SCENE: NONE
ST AGENCY RPT NUM: NONE	OTHER AGENCY NOTIFIED:
WEATHER CONDITIONS:	AIR TEMPERATURE:
WIND SPEED:	WIND DIRECTION:
WATER SUPPLY CONTAM: UNKNOWN	SHEEN SIZE:
SHEEN COLOR:	DIR OF SHEEN TRAVEL:
SHEEN ODOR DESCRIPTION:	WAVE CONDITION:
CURRENT SPEED:	CURRENT DIRECTION:
WATER TEMPERATURE:	
DESC OF REMEDIAL ACTION: NONE	

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

ERNS

SEARCH ID: 5 **DIST/DIR:** 0.22 NW **ELEVATION:** 139 **MAP ID:** 8

NAME: 8100 US HIGHWAY 33 NORTH	REV: 12/31/07
ADDRESS: 8100 STATE HWY 33	ID1: NRC-851800
LAKELAND HIGHLANDS FL	ID2:
POLK	STATUS: MOBILE
CONTACT:	PHONE:
SOURCE: NRC	

EMPL FATALITY:	PASS FATALITY:
COMMUNITY IMPACT:	WIND SPEED UNITS:
EMPLOYEE INJURIES:	PASSENGER INJURIES:
OCCUPANT FATALITY:	CURRENT SPEED UNITS:
ROAD CLOSURE UNITS:	TRACK CLOSURE UNITS:
SHEEN SIZE UNITS:	STATE AGENCY NOTIFIED: NONE
FED AGENCY NOTIFIED: NONE	NEAREST RIVER MILE MARK:
SHEEN SIZE LENGTH:	SHEEN SIZE LENGTH UNITS:
SHEEN SIZE WIDTH:	SHEEN SIZE WIDTH UNITS:
OFFSHORE: N	DURATION UNIT:
RELEASE RATE UNIT:	RELEASE RATE RATE:

ADDITIONAL INFO: CALLER HAS NO ADDITIONAL INFORMATION.

MATERIAL INFORMATION

CHRIS CODE: OMT	CASE NUMBER: 000000-00-0
UN NUMBER:	REACHED WATER: YES

NAME OF MATERIAL:	OIL, MISC: MOTOR
AMOUNT OF MATERIAL:	0 UNKNOWN AMOUNT
AMOUNT IN WATER:	0 UNKNOWN AMOUNT

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.22 NW **ELEVATION:** 139 **MAP ID:** 8

NAME: LAKELAND DRAG STRIP INC ADDRESS: 8100 STATE HWY 33 LAKELAND FL 33809 POLK CONTACT: SOURCE: EPA	REV: 1/10/12 ID1: FLR000143388 ID2: STATUS: VGN PHONE:
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SITE INFORMATION

CONTACT INFORMATION: ROY SPIKER
CHADWICK CT
AUBURNDALE FL 33823

PHONE: 8639841145

OWNER NAME: LAKELAND DRAG STRIP INC
OWNER TYPE: P-PRIVATE
OPERATOR: LAKELAND DRAG STRIP INC
OPERATOR TYPE: P-PRIVATE
MAILING ADDRESS: 8100 STATE ROAD 33 N
 LAK

UNIVERSE INFORMATION:

RECEIVED DATE: 11/09/2007

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS:
GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE	

INSTITUTIONAL CONTROL:	N-NO	ENGINEERING CONTROL:	N
HUMAN EXPOSURE:	N-NO	GW CONTROLS:	N- NO
LAND TYPE:	P-PRIVATE	SHORT TERM GEN:	N
TRANS FACILITY:	N	REC WASTE FROM OFF SITE:	N

IMPORTER ACTIVITY:	N - NO	MIXED WASTE GEN:	N - NO
TRANS ACTIVITY:	N - NO	TSD ACTIVITY:	N - NO
RECYCLER ACTIVITY:	N - NO	ONSITE BURNER EXEMPT:	N - NO
FURNACE EXEMPTION:	N - NO	UNDER INJECT ACTIVITY:	N - NO
REC WASTE FROM OFF SITE:	N - NO	UNIV WASTE DEST FAC:	N
USED OIL TRANS:	N - NO	USED OIL PROCESSOR:	N - NO
USED OIL REFINER:	N - NO	USED OIL FUEL BURNER:	N - NO
UO FUEL MARKETER TO BURNER:	N	USED OIL SPEC MARKETER:	N - NO

NAIC INFORMATION

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.22 NW **ELEVATION:** 139 **MAP ID:** 8

NAME: LAKELAND DRAG STRIP INC
ADDRESS: 8100 STATE HWY 33
LAKELAND FL 33809
POLK
CONTACT:
SOURCE: EPA

REV: 1/10/12
ID1: FLR000143388
ID2:
STATUS: VGN
PHONE:

711212 - RACETRACKS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

VIOLATION NUMBER:	1	RESPONSIBLE:	S - STATE
DETERMINED:	07/09/2007	DETERMINED BY:	S - STATE
CITATION:		RESOLVED:	08/14/2008
TYPE:	USED OIL - GENERATORS		

VIOLATION NUMBER:	2	RESPONSIBLE:	S - STATE
DETERMINED:	07/09/2007	DETERMINED BY:	S - STATE
CITATION:		RESOLVED:	08/14/2008
TYPE:	USED OIL - GENERATORS		

VIOLATION NUMBER:	3	RESPONSIBLE:	S - STATE
DETERMINED:	07/09/2007	DETERMINED BY:	S - STATE
CITATION:		RESOLVED:	08/14/2008
TYPE:	STATE STATUTE OR REGULATION		

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste

**Environmental FirstSearch
Site Detail Report**

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

UST

SEARCH ID: 13 **DIST/DIR:** 0.22 NW **ELEVATION:** 139 **MAP ID:** 8

NAME: LAKELAND DRAG STRIP	REV: 1/5/11
ADDRESS: 8100 STATE HWY 33	ID1: 539700748
LAKELAND FL 33809	ID2: 9700748.00
POLK	STATUS: CLOSED
CONTACT: ROY SPIKER	PHONE: (863) 984-9451
SOURCE: FL DEP	

SITE INFORMATION

TOTAL NUMBER OF TANKS: 3

FACILITY TYPE: C - FUEL USER/NON-RETAIL
DEP CO: N

TANK INFORMATION

TANK ID: 1	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-NOV-1993	STAT DATE: 01-MAR-2002
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: B - UNLEADED GAS	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 2	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-NOV-1993	STAT DATE: 01-MAR-2002
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: B - UNLEADED GAS	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

TANK ID: 3	STATUS: CLOSED
TVI: TANK	DEP CO: NO
INSTALLED: 01-AUG-2001	STAT DATE: 01-MAR-2002
TK STAT: B - REMOVED	
CAPACITY(GAL): 1000	
CONTENT: L - WASTE OIL	
PLACE: ABOVEGROUND	
TYPE: C - FUEL USER/NON-RETAIL	

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: SR 33
LAKELAND FL 33815

JOB: 6511-12-026A

Street Name	Dist/Dir	Street Name	Dist/Dir
Asbury Parke Dr	0.01 NW		
Cambry Ln	0.06 SE		
Central Parke Cir	0.05 NW		
Christopher Ct	0.03 SE		
Commonwealth Ave	0.00 --		
Deeson Pointe Blvd	0.01 NW		
Deeson Pointe Ct	0.06 NW		
Hyde Parke Blvd	0.05 NW		
I-4	0.00 --		
Joyce Dr	0.00 --		
Kanoy Dr	0.04 SE		
Lake Deeson Point	0.17 NW		
Lake Deeson Woods Ln	0.06 NW		
Lake Luther Rd	0.01 NW		
Lakeland Speed Way	0.24 NW		
Lk Deeson Dr	0.10 NW		
Melody Ln	0.00 --		
Menlo Parke Way	0.21 NW		
N Combee Rd	0.01 SE		
Oakway Cir	0.22 NW		
Oakway Dr	0.11 NW		
Old Combee Rd	0.00 --		
Ron Cir	0.02 SE		
Shelly Ct	0.03 SE		
State Highway 33	0.00 --		
State Road 33 N	0.00 --		
Sunset Way N	0.22 NW		
Sunset Way S	0.01 NW		
Tomkow Rd	0.00 --		
Wood Circle East	0.01 NW		
Wood Circle West	0.01 NW		

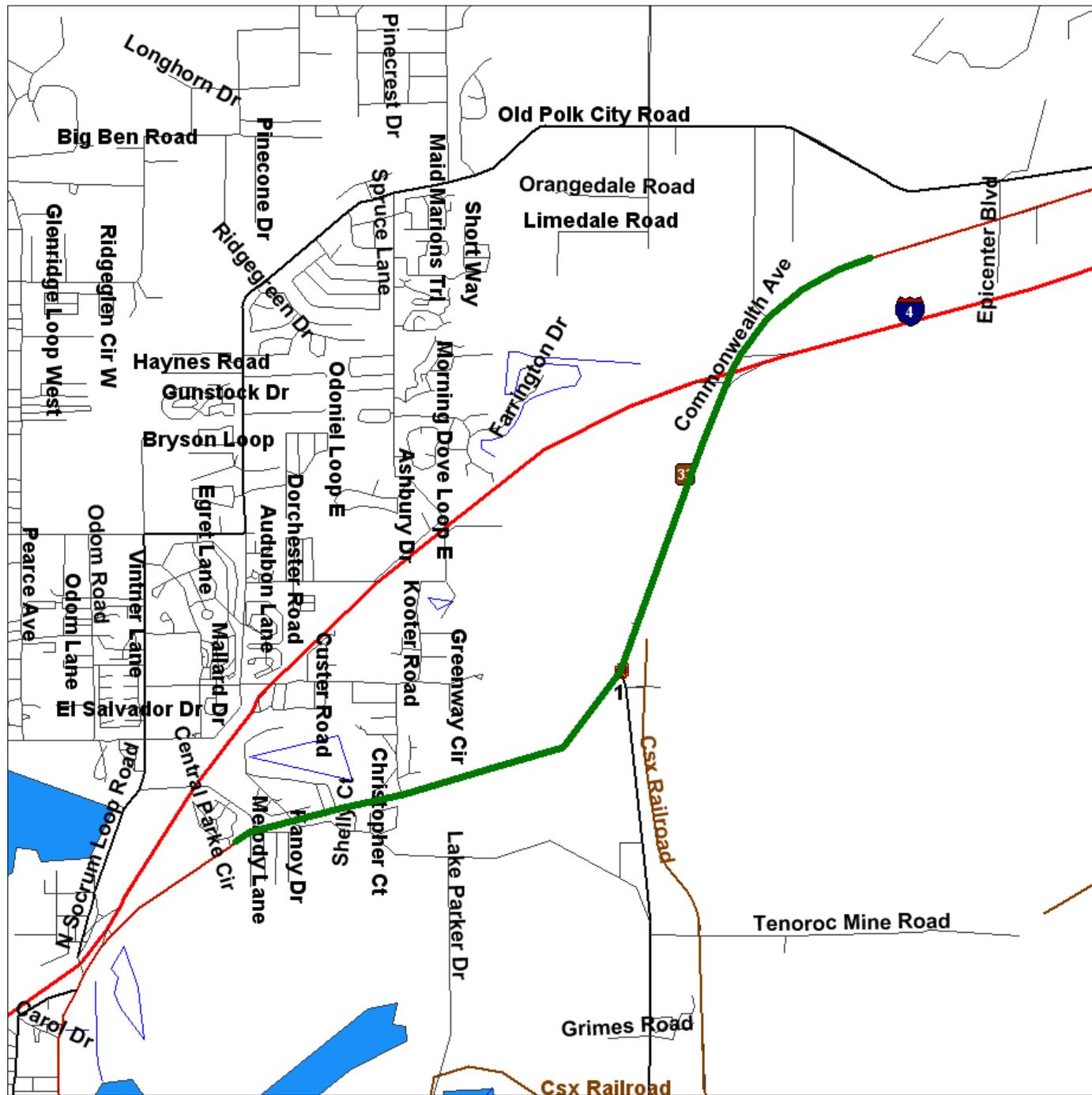


Environmental FirstSearch

1 Mile Radius from Line
ASTM Map: NPL, RCACOR, STATE Sites

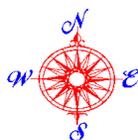


SR 33 , LAKELAND FL 33815



Source: 2005 U.S. Census TIGER Files

Linear Search Line	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

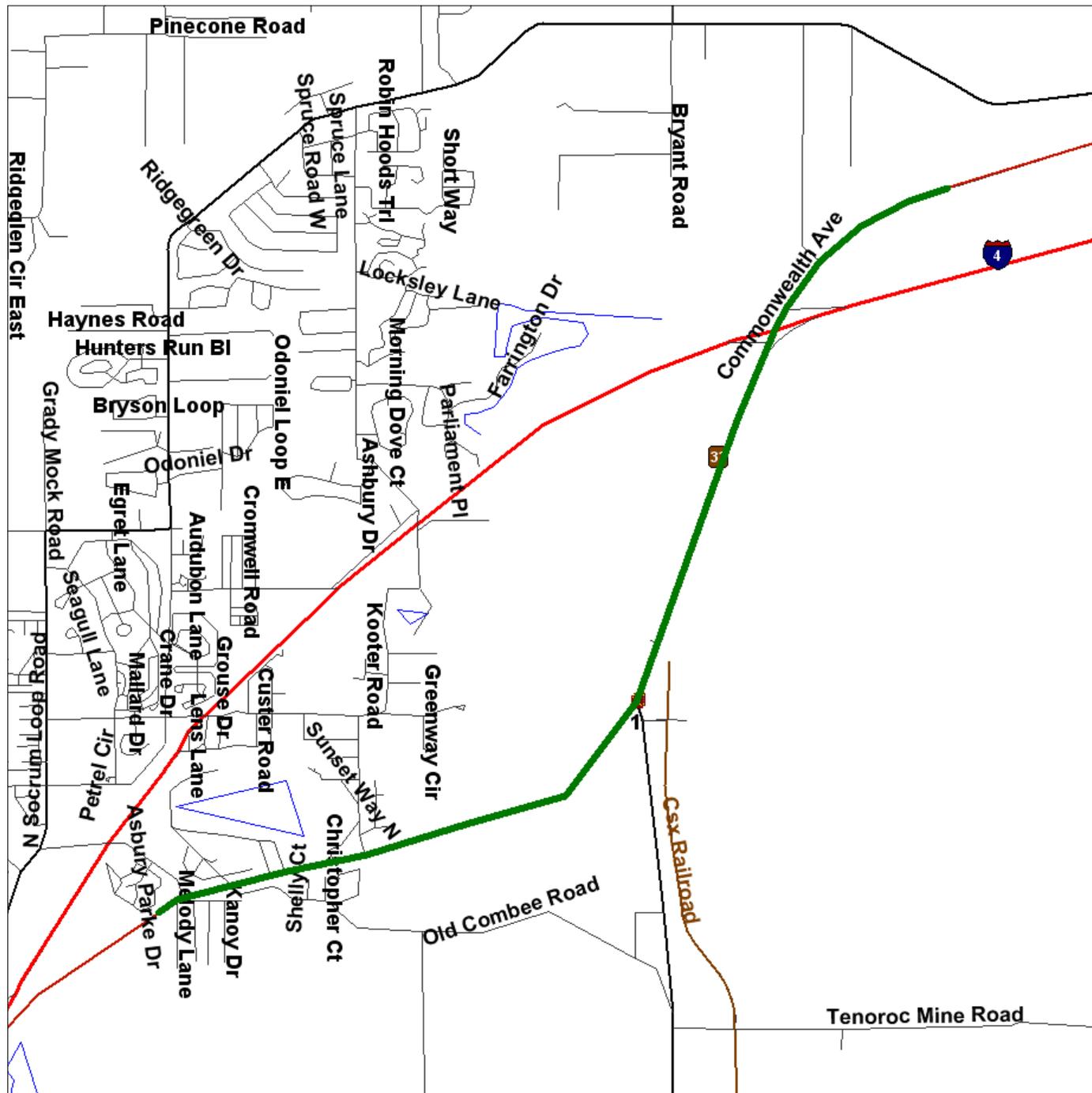


Environmental FirstSearch

.5 Mile Radius from Line
ASTM Map: CERCLIS, RCRATSD, LUST, SWL

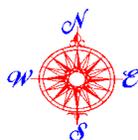


SR 33 , LAKELAND FL 33815



Source: 2005 U.S. Census TIGER Files

Linear Search Line	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

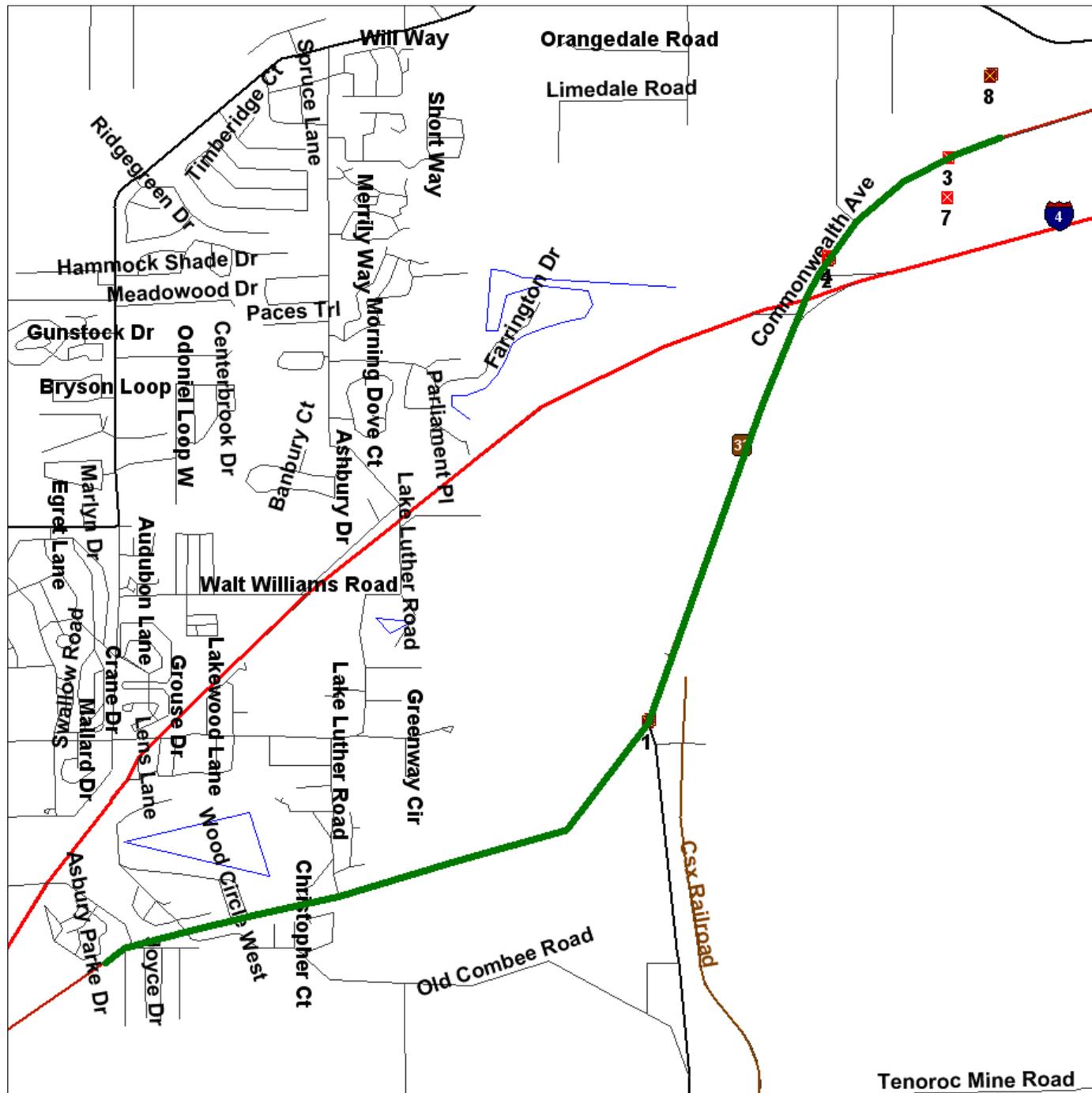


Environmental FirstSearch

.25 Mile Radius from Line
ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



SR 33 , LAKELAND FL 33815



Source: 2005 U.S. Census TIGER Files

Linear Search Line	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

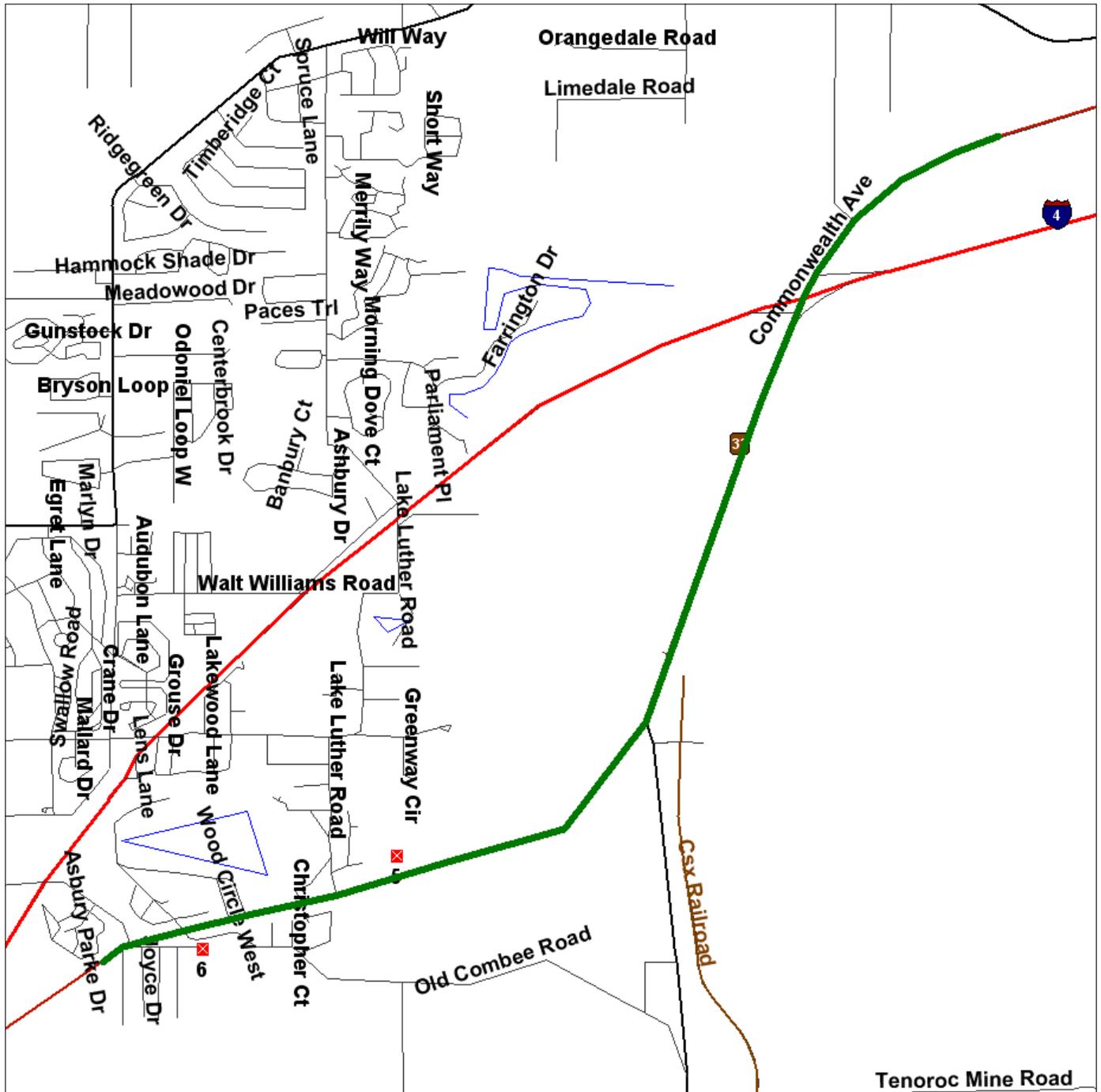


Environmental FirstSearch

.25 Mile Radius from Line
Non-ASTM Map: Other



SR 33 , LAKELAND FL 33815



Source: 2005 U.S. Census TIGER Files

Linear Search Line	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
National Historic Sites and Landmark Sites	
Railroads	

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). 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.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: BIA INDIAN LANDS AND NATIVE ENTITIES IN FLORIDA - database of American Indian reservations in Florida.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: FL DER/DEP/EPA FLORIDA SITES LIST - database of identified facilities and/or locations that the Florida Department of Environmental Regulation has recognized with potential or existing environmental contamination.

SUPERFUND HAZARDOUS WASTE SITES- database that correlates to the NPL list and includes active, delisted, and Federal sites.

State Spills 90: FDEP PETROLEUM CONTAMINATION AND CLEANUP REPORTS - database of

contaminated facility reports provide the Facility ID, Facility Type, Score, Rank, Operator Information, and Owner Information, for facilities that currently have contamination

State/Tribal SWL: *FDEP* SOLID WASTE FACILITIES LIST - database concerned with the handling of waste and includes locations identified with solid waste landfilling or associated activities involving the handling of solid waste. The presence of a site on this list does not necessarily indicate existing environmental contamination, but rather the potential. The FDEP assigns scores to the sites based on the threat to human health and the environment. The Rank is determined by the site's Score and reflects the state's priority for remedial action on that site. Typically, the lower the Rank value, the greater the priority for remedial action from the state.

State/Tribal LUST: *FDEP* LEAKING UNDERGROUND STORAGE TANKS LIST - database of petroleum storage tank systems that have reported the possible release of contaminants. Included within this list are sites that are in the Florida Early Detection Incentive (EDI) Program, the Abandoned Tank Restoration Program (ATRP) and the Petroleum Liability Insurance Restoration Program (PLIRP). These programs support remedial action or reimbursement for those sites with environmental problems due to leaking fuel storage tanks. Some sites listed in the report have not yet been accepted in these programs.

State/Tribal UST/AST: *FDEP/EPA* STORAGE TANK AND CONTAMINATION MONITORING DATABASE - Database of all storage tank facilities registered with the Department and tracked for active storage tanks, storage tank history, or petroleum cleanup activity. Information includes facility identification number, site location information, and basic storage tank information such as size, placement, substance stored, installation date and current tank status.

TRIBAL LAND UNDERGROUND STORAGE TANKS - database of underground storage tanks that are reported to be on Native American lands. These sites are reported to the region 4 office of the EPA by the local tribal governments. The sites can be identified by their ID: NL-FL- number.

State/Tribal EC: *FDEP* INSTITUTIONAL CONTROLS REGISTRY DATABASE Subset- database of sites that have institutional controls and engineering controls was developed to assist with tracking those properties upon which an institutional control has been imposed pursuant to the provisions contained in Chapters 376 or 403, F.S. For Brownfield sites the ICR has been prepared for the public and local governments to monitor the status of those controls.

State/Tribal IC: *FDEP* INSTITUTIONAL CONTROLS REGISTRY DATABASE - database of institutional controls was developed to assist with tracking those properties upon which an institutional control has been imposed pursuant to the provisions contained in Chapters 376 or 403, F.S. For Brownfield sites the ICR has been prepared for the public and local governments to monitor the status of those controls.

State/Tribal VCP: *FL DEP* VOLUNTARY CLEANUP PROGRAM- A static state wide database of sites that have or may receive a tax credit. Tax credits are issued based on a percentage of the costs of "voluntary" cleanup. In other words, the person conducting cleanup is paying for it rather than the site being cleaned up using state funding through the Drycleaning Solvent Cleanup Program. The following three types of sites may be eligible for tax credits: (1) A drycleaning solvent contaminated site eligible for state-funded site rehabilitation under s. 376.3078(3), F.S.; (2) A drycleaning solvent contaminated site at which cleanup is undertaken by the real property owner pursuant to s. 376.3078(10), F.S., if the real property owner is not also, and has never been, the owner or operator of the drycleaning facility where the contamination exists; or (3) A brownfield site in a designated brownfield area under s. 376.80, F.S.

State/Tribal Brownfields: *FDEP* BROWNFIELDS REDEVELOPMENT PROGRAM DATABASE- database of reports generated from the Brownfield Access Database which tracks the number of designated Brownfield areas, executed Brownfield site rehabilitation agreements, state and federal programs funding, and local Brownfield coordinators' contact information

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Other: *FDEP* SINKHOLES - database of sinkholes from the Florida Geological Survey Sinkholes. DRYCLEANERS LIST - database of dry cleaning facilities registered with the Department. Information includes facility identification number, site location information, related party (owner) information, and facility type and status. Data is taken from the Storage Tank & Contamination Monitoring database, the registration

repository of dry cleaner facility data.

CATTLE DIPPING VATS - database of vats that were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides such as DDT were also widely used. This is a static list from 1910 through 1950s.

State Other: *US DOJ* NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Dry Cleaners: *FDEP* DRYCLEANERS LIST - database of dry cleaning facilities registered with the Department. Information includes facility identification number, site location information, related party (owner) information, and facility type and status. Data is taken from the Storage Tank & Contamination Monitoring database, the registration repository of dry cleaner facility data.

Environmental FirstSearch Database Sources

NPL: *EPA* Environmental Protection Agency

Updated quarterly

NPL DELISTED: *EPA* Environmental Protection Agency

Updated quarterly

CERCLIS: *EPA* Environmental Protection Agency

Updated quarterly

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA TSD: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA GEN: *EPA/MA DEP/CT DEP* Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

ERNS: *EPA/NRC* Environmental Protection Agency

Updated annually

Tribal Lands: *BIA* Bureau of Indian Affairs

Updated when available

Tribal Lands: *DOI/BIA* United States Department of the Interior

Updated annually

State/Tribal Sites: *FL DER/DEP/EPA* Florida Department of Environmental Protection, Bureau of Waste Cleanup

Updated quarterly

State Spills 90: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal SWL: FDEP Florida Department of Environmental Protection

Updated annually

State/Tribal LUST: FDEP Florida Department of Environmental Protection

Updated quarterly

State/Tribal UST/AST: FDEP/EPA Florida Department of Environmental Protection

Updated quarterly

State/Tribal EC: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal IC: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal VCP: FL DEP Florida Department of Environmental Protection

Updated no longer available

State/Tribal Brownfields: FDEP The Florida Department of Environmental Protection, Division of Waste Management.

Updated quarterly

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

State Other: FDEP Florida Department of Environmental Protection Storage Tank & Contamination Monitoring.
Florida Department of Environmental Protection Cattle Dipping Vats

Updated quarterly

State Other: US DOJ U.S. Department of Justice

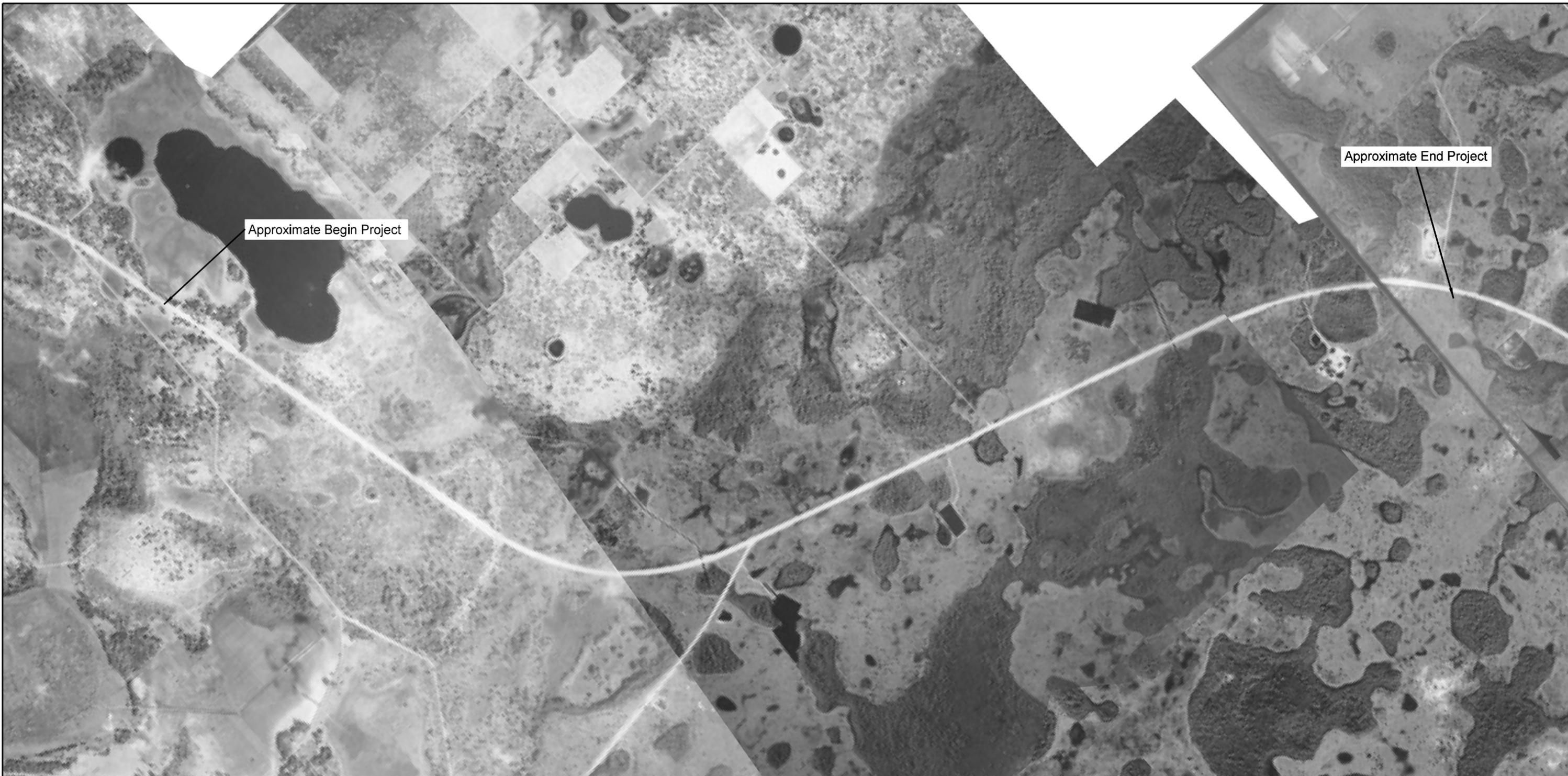
Updated when available

Dry Cleaners: *FDEP* Florida Department of Environmental Protection Storage Tank & Contamination Monitoring.

Updated quarterly

Appendix G

Historical Aerial Photographs



SOURCE: UNIVERSITY OF FLORIDA

1941 HISTORICAL AERIAL PHOTOGRAPH



DRAWN BY: BJS CHECKED BY: CEK	APPROVED BY: DRP DATE: SEPT 2013	FPN/FPID: 430185-1-22-01	 TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486	SCALE: NOTED	PROJECT NUMBER: 6511-12-026A	SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA	FIGURE G-1
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Approximate End Project

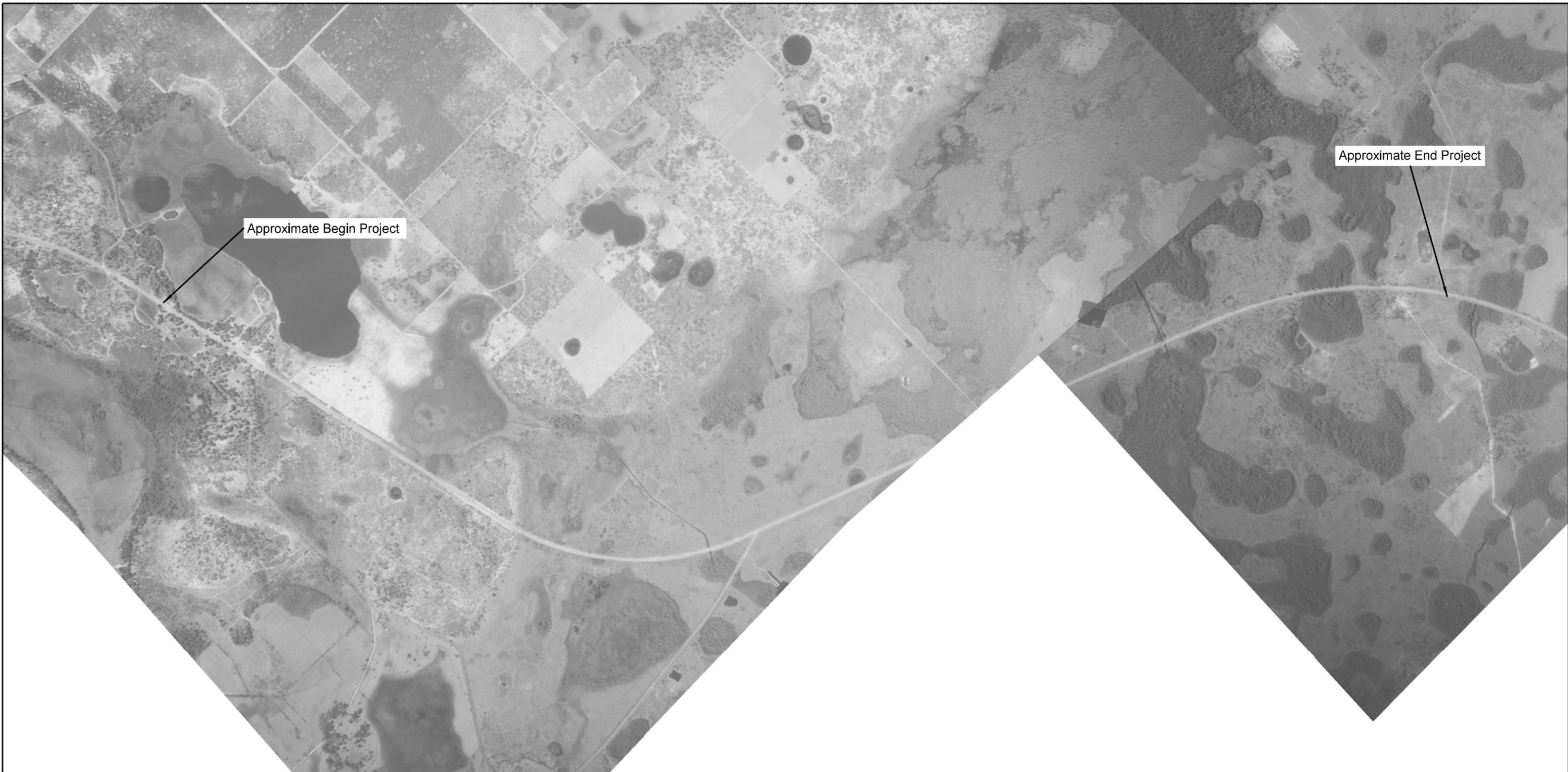
Approximate Begin Project

SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

1949 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-2</p>
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Approximate End Project

Approximate Begin Project

SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

1952 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-3</p>
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Approximate End Project

Approximate Begin Project

SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

1960 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-4</p>
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SOURCE: FDOT SURVEY AND MAPPING

1971 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-6</p>
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Approximate End Project

Approximate Begin Project

SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

1977 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-7</p>
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SOURCE: FDOT SURVEY AND MAPPING

1980 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>		<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-8</p>
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SOURCE: FDOT SURVEY AND MAPPING

1993 HISTORICAL AERIAL PHOTOGRAPH

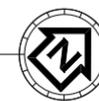


<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: SEPT 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p>TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: NOTED</p>	<p>PROJECT NUMBER: 6511-12-026A</p>	<p>SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE G-9</p>
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SOURCE: FDOT SURVEY AND MAPPING

2006 HISTORICAL AERIAL PHOTOGRAPH



DRAWN BY: BJS CHECKED BY: CEK	APPROVED BY: DRP DATE: SEPT 2013	FPN/FPID: 430185-1-22-01	 TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486	SCALE: NOTED	PROJECT NUMBER: 6511-12-026A	SR 33 PD&E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA	FIGURE G-10
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Appendix H

Site Photographs



1. View to the east along SR 33 from the intersection of SR33 and Old Combee Road



2. View to the west along SR 33 from the intersection of SR 33 and Old Combee Road



3. View to the south along Old Combee Road from the intersection of SR 33 and Old Combee Road



4. View to the north along SR 33 from the intersection of SR 33 and North Combee Road (SR 659)



5. General view to the northwest across the former Saddle Creek Mine



6. Typical view to the north across the former Saddle Creek Mine



7. View to the General view to the west of the City of Lakeland Lift Station and generator



8. General view to the north across the Bridgewater Golf Course



9. Typical view to the northwest across the Bridgewater Golf Course



10. View to the northwest of the JC Penney distribution facility entrance



11. View to the northeast along SR 33 from the intersection of SR 33 and Tomkow Road



12. View to the southwest along SR 33 from the intersection of SR 33 and Tomkow Road



13. View to the east across the FDOT maintenance yard, located east of the intersection of SR 33 and Tomkow Road



14. General view of north across the Gourmet Food Distribution facility



15. General view of entrance to the Lakeland Auto Auction on SR 33



16. Typical view to the south across the Lakeland Auto Auction facility

Appendix I

Interviews/Correspondence

From: John_Cook@doh.state.fl.us
To: [Clare Kramer](mailto:Clare_Kramer)
Cc: [Donald Ehlenbeck@doh.state.fl.us](mailto:Donald_Ehlenbeck@doh.state.fl.us); [Pamela Crain@doh.state.fl.us](mailto:Pamela_Crain@doh.state.fl.us)
Subject: information request - former storage tank locations, Lakeland
Date: Friday, September 27, 2013 11:32:13 AM
Attachments: [8624455 - Agrico Saddle Creek Mine.pdf](#)
[8943985 - FDOT Polk City.pdf](#)
[8628555 - Lakeland Auto Auction.pdf](#)

Ms. Kramer,

In response to your request, please see the attached storage tank facility cover page report for each of the referenced locations. All three of these have had the regulated storage tanks removed, and are regarded as closed facilities. Additionally, none of them have had any reported discharges, and therefore have no cleanup activity or applicable cleanup requirements.

Saddle Creek Mine Facility ID: 8624455

FDOT tank location Facility ID: 8943985

Lakeland Auto Auction Facility ID: 8628555

<<8624455 - Agrico Saddle Creek Mine.pdf>> <<8943985 - FDOT Polk City.pdf>> <<8628555 - Lakeland Auto Auction.pdf>>

I hope this information is helpful. Good luck with the project.

Regards,

John Cook
Environmental Manager
Florida Department of Health in Polk County
Petroleum Cleanup Program
200 N Kentucky Ave, Suite 404, Lakeland FL 33801
863-413-3325 ext 18107

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your email communication may therefore be subject to public disclosure.

Cover Page Report

Report Run Date: 9/27/13

Last Data Refresh: 9/26/13

Report Generated from Doppler

District	Southwest	Type	Fuel user/Non-retail
County	Polk	Status	CLOSED
ID	8624455	Latitude	28° 2' 1.15
Name	AGRICO MINING CO-SADDLE CREEK MINE SR 33-2 MI S OF I-4 PROVIDENCE, FL 33801	Longitude	81° 46' 35
Contact	AGRICO MINING CO	LL Method	DPHO
Phone	(813) 428-1431	LL Status	REVIEWED
		Status Date	06/24/2005

ACCOUNT OWNER INFORMATION

Name	WILLIAMS CO 1 WILLIAMS CENTER FORUM TULSA,OK 74172-101	Effective Date	05/20/1994
Contact			
Phone	(0) -		

Placard # / Date:

TANK OWNER INFORMATION

Name	WILLIAMS CO 1 WILLIAMS CENTER FORUM TULSA,OK 74172-101	Effective Date	05/20/1994
Contact			
Phone	(0) -		

Tank	Tank Size	Content	Installed	Placement	Status
14	2000	Leaded Gas (A)		UNDERGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(C) Steel	(Y) Unknown	(D) SPCC Plan

Tank	Tank Size	Content	Installed	Placement	Status
14R1	550	Unleaded Gas (B)	09/01/1986	ABOVEGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(K) AST containment	(A) Abv, no soil contact	(D) SPCC Plan

Tank	Tank Size	Content	Installed	Placement	Status
16	2000	Leaded Gas (A)	07/01/1975	ABOVEGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(D) Unknown	(A) Abv, no soil contact	(D) SPCC Plan

Tank	Tank Size	Content	Installed	Placement	Status
17	1000	Vehicular Diesel (D)		ABOVEGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(D) Unknown	(A) Abv, no soil contact	(D) SPCC Plan

Tank	Tank Size	Content	Installed	Placement	Status
18	1000	Vehicular Diesel (D)		ABOVEGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(D) Unknown	(A) Abv, no soil contact	(D) SPCC Plan

Tank	Tank Size	Content	Installed	Placement	Status
19	550	Vehicular Diesel (D)		ABOVEGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(D) Unknown	(A) Abv, no soil contact	(D) SPCC Plan

Tank	Tank Size	Content	Installed	Placement	Status
20	500	Kerosene (K)	01/01/1968	UNDERGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(C) Steel	(B) Steel/galvanized metal	(D) SPCC Plan

No Legacy Compliance Activity Found

No Compliance Activity Found

No Open Violations Found

No Discharges Found

End of Data for Facility # 8624455

Cover Page Report

Report Run Date: 9/27/13

Last Data Refresh: 9/26/13

Report Generated from Doppler

District Southwest
County Polk
ID 8943985
Name FL DEPT OF TRANSPORTATION-POLK CITY
 HWY 33 N OF HWY 400
 POLK CITY, FL
Contact FL DEPT OF TRANSPORTATION
Phone (813) 533-2197

Type State Government
Status CLOSED
Latitude 28° 8' 36
Longitude 81° 53' 43
LL Method UNVR
LL Status NOT REVIEWED
Status Date

ACCOUNT OWNER INFORMATION

Name FL DEPT OF TRANSPORTATION DIST 1
 PO BOX 1249
 BARTOW, FL 33831
Contact MICKEY HARRISON
Phone (863) 519-2321

Effective Date 05/01/1991

Placard # / Date:

TANK OWNER INFORMATION

Name FL DEPT OF TRANSPORTATION DIST 1
 PO BOX 1249
 BARTOW, FL 33831
Contact MICKEY HARRISON
Phone (863) 519-2321

Effective Date 05/01/1991

Tank	Tank Size	Content	Installed	Placement	Status
1	1428	Unleaded Gas (B)		UNDERGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(C) Steel	(C) Fiberglass	(Y) Unknown

Tank	Tank Size	Content	Installed	Placement	Status
2	522	Vehicular Diesel (D)		UNDERGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(C) Steel	(C) Fiberglass	(Y) Unknown

No Legacy Compliance Activity Found

No Compliance Activity Found

No Open Violations Found

No Discharges Found

End of Data for Facility # 8943985

Cover Page Report

Report Run Date: 9/27/13

Last Data Refresh: 9/26/13

Report Generated from Doppler

District Southwest
County Polk
ID 8628555
Name LAKELAND AUTO AUCTION
 8025 N SR 33
 LAKELAND, FL 33809-1741
Contact LAKELAND AUTO AUCTION
Phone (813) 984-1551

Type Fuel user/Non-retail
Status CLOSED
Latitude 28° 8' 44.0813
Longitude 81° 53' 29.2105
LL Method DPHO
LL Status REVIEWED
Status Date 06/26/2006

ACCOUNT OWNER INFORMATION

Name LAKELAND AUTO AUCTION
 PO BOX 90007
 LAKELAND,FL 33804-7
Contact CLIFF PATTERSON
Phone (813) 984-1551

Effective Date 11/14/1986

Placard # / Date:

TANK OWNER INFORMATION

Name LAKELAND AUTO AUCTION
 PO BOX 90007
 LAKELAND,FL 33804-7
Contact CLIFF PATTERSON
Phone (813) 984-1551

Effective Date 11/14/1986

Tank	Tank Size	Content	Installed	Placement	Status
1	10000	Unleaded Gas (B)	03/01/1980	UNDERGROUND	Removed from Site (E)

Constructions	Pipings	Monitorings
(C) Steel	(A) Abv, no soil contact	(8) Manually sampled wells

No Legacy Compliance Activity Found

No Compliance Activity Found

No Open Violations Found

No Discharges Found

End of Data for Facility # 8628555

From: [Pamela Crain@doh.state.fl.us](mailto:Pamela_Crain@doh.state.fl.us)
To: [Clare Kramer](#)
Subject: RE: Information Request
Date: Thursday, September 26, 2013 4:00:48 PM

Dear Ms. Kramer,

Thank your contacting us for information. I have forwarded your request to our Environmental Engineering Division. You will be hearing from them soon.

Please feel free to contact me should you need assistance in the meantime.

Sincerely,

Pamela A. Crain

Public Information Specialist

Florida Department of Health in Polk County

1290 Golfview Avenue, Bartow, Florida 33830

Office: (863) 519-7900, ext. 11063

Mobile: (863) 512-2550

www.mypolkhealth.org

"It's a New Day in Public Health."

Please Note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your email communication may therefore be subject to public disclosure

From: Clare Kramer [mailto:ckramer@tierraeng.com]
Sent: Thursday, September 26, 2013 3:12 PM
To: Crain, Pamela A
Subject: Information Request

Pamela,

Please provide information regarding the current regulatory status and any cleanup activities at the following facilities:

Saddle Creek Mine

Facility ID: 8624455

EPAIDs: FLD980727192 and FLD000622506

Waste Clean-up: COM_31196

FDOT tank location

Facility ID: 8943985

Lakeland Auto Auction

Facility ID: 8628555

EPAID: FLD98211441

All 3 are located in Lakeland, Polk County FL.

Thank you for your help.

Clare E. Kramer, PG
Senior Scientist

TIERRA, INC.

7351 Temple Terrace Highway, Tampa, Florida 33637

Office 813.989.1354 | Cell 813.766.8609

geotechnical environmental materials engineering

www.tierraeng.com

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NPDES Storm Water	FLR10L412	WILLIAMS ACQUISITION RECLAMATION - SADDLE CREEK MINE AGR-SC-	WINTER HAVEN	POLK	SWD	COUNTY'S NORTH CENTRAL LAND-
Storage Tanks	8624455	AGRICO MINING CO-SADDLE CREEK MINE	PROVIDENCE	POLK	SWD	SR 33-2 MI S OF I-4
Waste Cleanup	COM_31196	AGRICO SADDLE CREEK MINE	LAKELAND	POLK	N/A	JCT STATE RD 33 AND 33A
Wastewater	FLA013329	SADDLE CREEK MINE	LAKELAND	POLK	SWD	RR 33
12 result(s) returned						

FDOT tank location

Facility ID: 8943985 Polk County Health Dept. (863) 738-6585

Lakeland Auto Auction

Facility ID: 8628555 Polk County Health Dept. (863) 738-6585

EPAID: FLD98211441

[http://depdms.dep.state.fl.us:80/Oculus/servlet/shell?command=hitlist&\[freeText=\]&\[folderName=\]&\[profile=\]&\[creator=\]&\[entityType=any\]&\[createdDateTo=\]&\[catalog=2\]&\[searchBy=property\]&\[sortBy=Facility-Site+ID\]&\[createdDate=\]&\[Facility-Site+ID=_EQ_FLD982114415\]](http://depdms.dep.state.fl.us:80/Oculus/servlet/shell?command=hitlist&[freeText=]&[folderName=]&[profile=]&[creator=]&[entityType=any]&[createdDateTo=]&[catalog=2]&[searchBy=property]&[sortBy=Facility-Site+ID]&[createdDate=]&[Facility-Site+ID=_EQ_FLD982114415])

All 3 are located in Lakeland, Polk County FL.

Thank you for your help.

Clare E. Kramer, PG
Senior Scientist

TIERRA, INC.

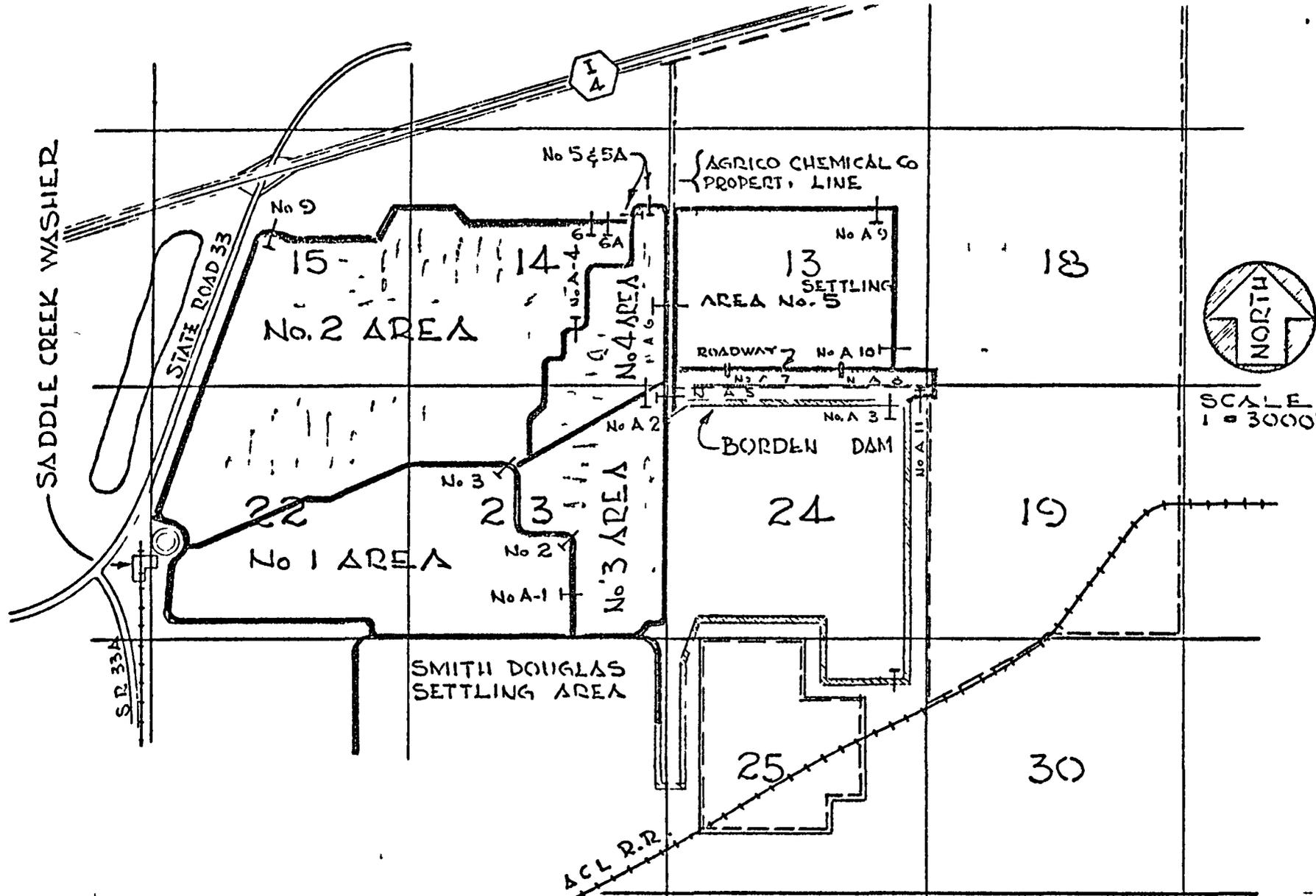
7351 Temple Terrace Highway, Tampa, Florida 33637
Office 813.989.1354 | Cell 813.766.8609
geotechnical environmental materials engineering
www.tierraeng.com

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Appendix J
Supplemental Information

SADDLE CREEK SITTLING AREAS



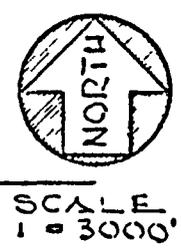
TOP OF SPILLWAYS - ELEV

No. 2	160.75	A-1	156	A 8	INV 130
3	160.75	A-2	152	A 9	161
5	161	A-3	151	A 10	161
5A	161	A-4	162	A 11	161
6	161	A-5	158		
6A	161	A-6	161		
9	161	A-7	INV 130		

WATER ELEV. AREA No. 1	_____	5	_____
DATE	_____	2	_____
		3	_____
		4	_____

MAY WATER LEVEL EL 156

REVISED FEBRUARY 10, 1971



REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

Site Name. Agrico Chem Co/Saddle Creek Mine

EPA ID#: FLD980727192

Alias Site Names: _____

BUREAU OF WASTE CLEANUP

City: Lakeland

County or Parish: Polk

State: FL OCT 06 1995

Refer to Report Dated. January 12, 1995

Report type. SIP

TECHNICAL REVIEW SECTION

Report developed by: BVWS

DECISION:

1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)

1b Site may qualify for further action, but is deferred to

RCRA
NRC

2. Further Assessment Needed Under CERCLA:

2a. (optional) Priority

Higher

Lower

2b Activity Type

PA
SI

ESI
HRS evaluation

Other PUP

DISCUSSION/RATIONALE.

The unreclaimed phosphate mine is comprised of two tracts of land which together encompass an area of approximately 9,700 acres. The Northern tract consists of a beneficiation plant, unreclaimed land, mine tailings and clay settling ponds. The settling ponds cover approximately 3,400 acres. No discharge violations. GW is the route of concern due to the large number of gw users.

Report Reviewed

and Approved by: DOROTHY RAYFIELD Signature

Dorothy Rayfield

Date 9-13-95

Site Decision

Made by: DOROTHY RAYFIELD Signature

Dorothy Rayfield

Date 9-13-95

GAO Sites Questionnaire

Site Name Agrico Chemical Co./Saddle Creek Agency DEP

County Polk Office Southwest District

Case Manager Robert Vanderslice 813-744 6100 Completed by Jay Koch 4/6/00
Ext 150

1 What is the remedial status of the site (i.e. CAP, CAR, RAP)?

Site has been closed

2 The most recent PA/SI report was completed on 6/7/91 (SI) Has any significant remedial work been conducted since that date?

No

3 Has a Consent Order been signed?

No

If yes, is the Consent Order adequate for its purpose?

N/A

If yes, is the PRP complying with the Consent Order?

N/A

If no, is the PRP performing a "voluntary cleanup"?

No cleanup

If so, is there a formal or informal agreement with the PRP for the work being conducted? Is the work satisfactory?

N/A

4 If a Consent Order has not been negotiated, is one necessary?

No

5 Do you feel that additional CERCLA Site Assessment activities or NPL determination is warranted? If yes, what Priority (High or Low)?

No

6 Comments

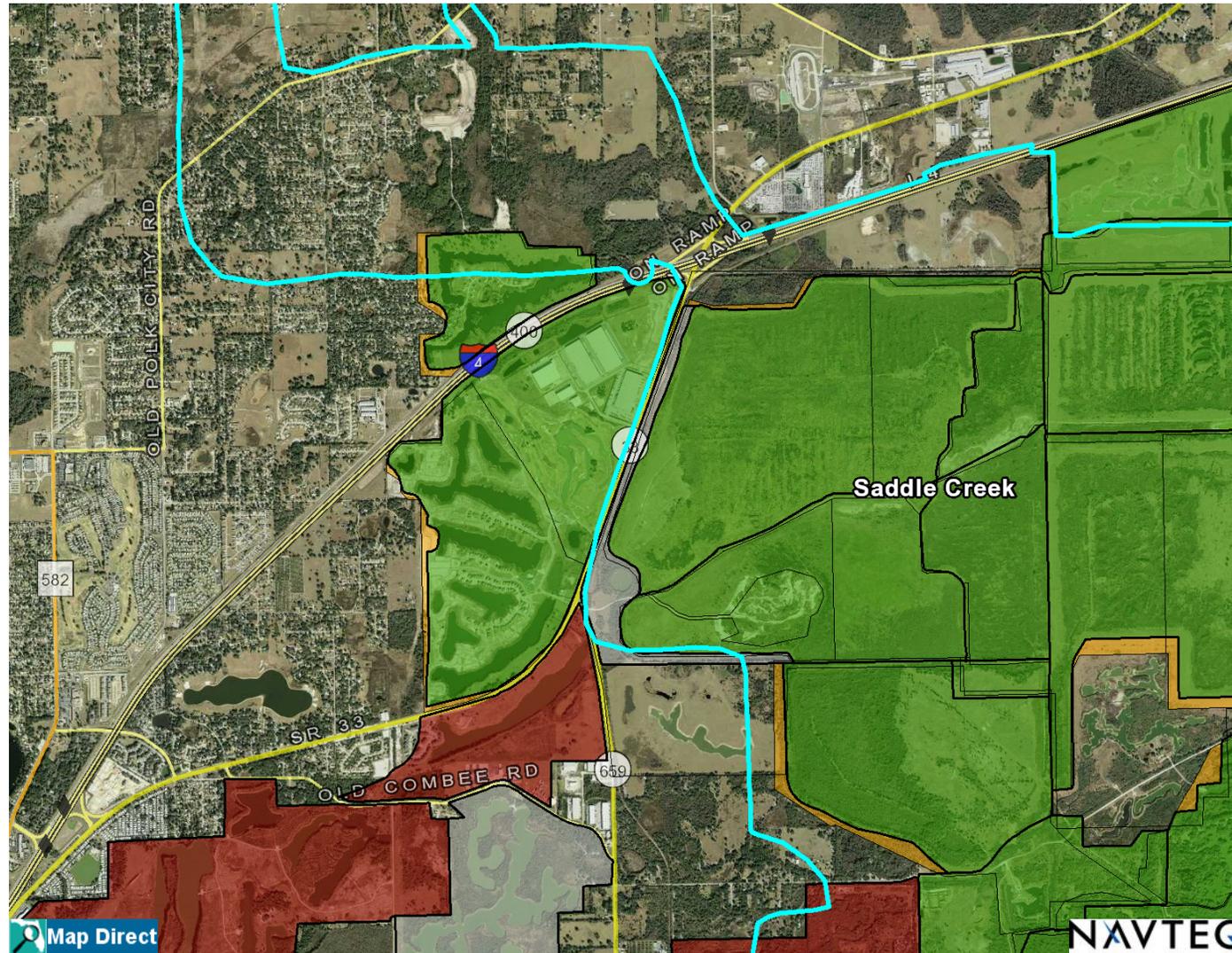


Map Direct: BMMR Bureau of Mining and Minerals Regulation

28°9'27.1513", -81°56'57.0395"

Scale 1:48,217

28°9'22.2207", -81°51'28.4545"



28°5'43.8692", -81°57'1.2451"

1 inch = 4018 feet

28°5'38.9415", -81°51'32.8472"



Aerial Imagery 2004-2009

Aerial Imagery Flight Dates
2004-2009

Gypsumstacks 2012

Non Mandatory Phosphate ZW
Parcels
Eligible

Ineligible

Not Evaluated

Non Mandatory Phosphate
Reclamation Programs 2010
Boundary missing

Boundary received

Mandatory Phosphate Mine
Boundaries 2009
CF Industries Inc

Estech Inc

MobilExxon

Mosaic

PCS Phosphate

US Agri Chemicals

Williams Company Inc

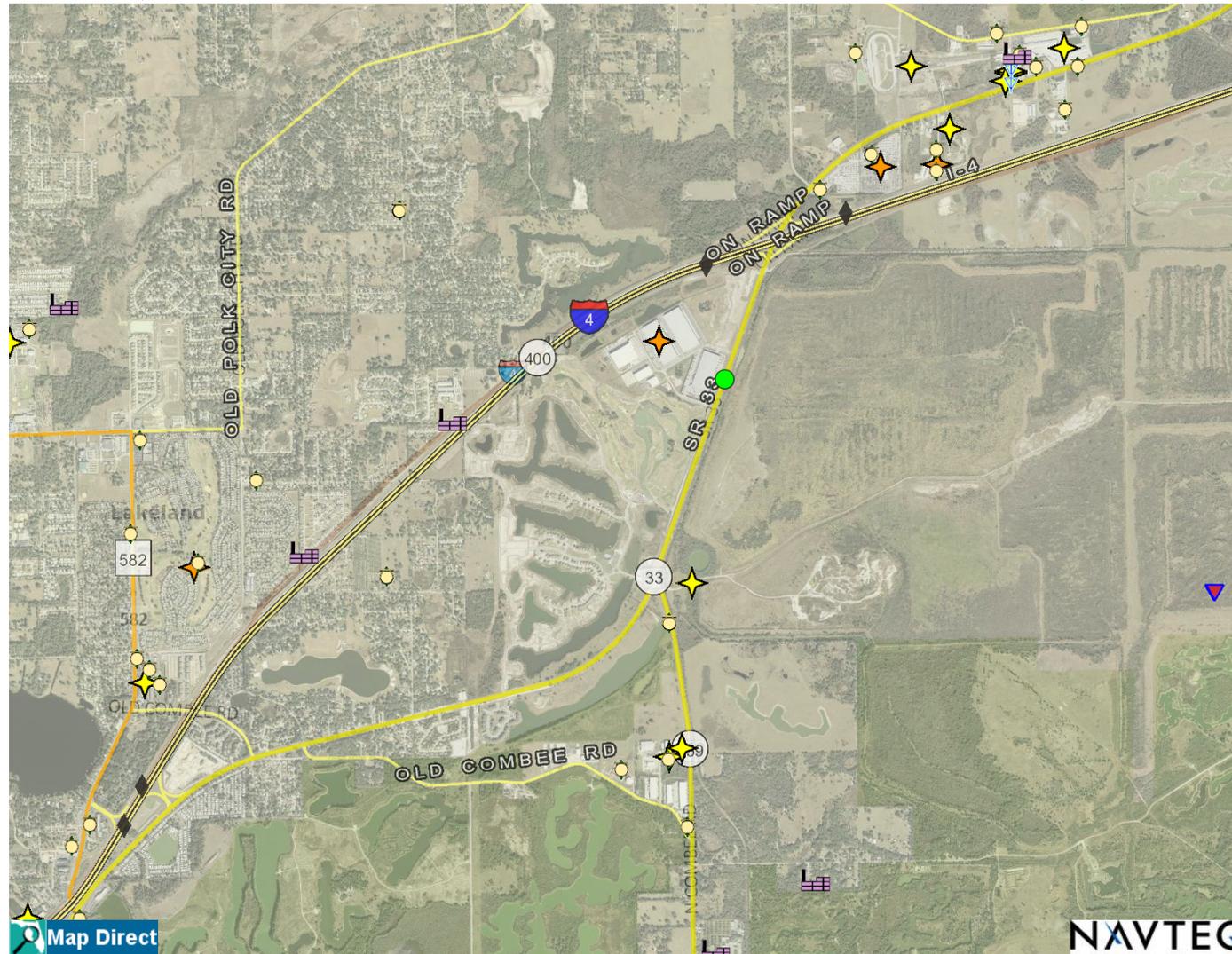
Florida Department of Environmental Protection Disclaimer: This map created in Map Direct on Tue, 30 Jul 2013 16:14:14 UTC is intended for display purposes only. It was created using data from different sources collected at different scales, with different levels of accuracy, and/or covering different periods of time. NAVTEQ road data is provided "AS IS" and without warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, satisfactory quality and non-infringement. YOU SHOULD THEREFORE VERIFY ANY INFORMATION OBTAINED FROM THE SITE BEFORE ACTING ON IT.



Map Direct: Waste Cleanup

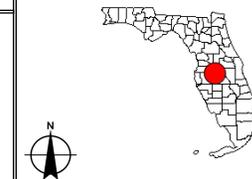
28°9'22.9699", -81°57'17.9077"

28°9'18.0387", -81°51'48.3931"



28°5'39.0538", -81°57'22.1132"

28°5'34.1254", -81°51'52.7868"



Scale 1:48,354

- Aerial Imagery 2004-2009
- ▼ Waste Cleanup OPEN Responsible Party Sites
- ▼ Waste Cleanup CLOSED Responsible Party Sites
- ▼ Waste Cleanup INACTIVE Responsible Party Sites
- Registered Tanks from STCM
- Contaminations from STCM
- Florida Institutional Controls Registry Solid Waste Facilities
- Facility
- General Disposal Area
- Waste Processing Area
- ◇ Storage Tank Contamination Monitoring (STCM)
- ◆ Small Quantity Generators (SQGs) from CHAZ IMS
- ◆ CHAZ IMS
- Aerial Imagery Flight Dates 2004-2009
- Wastewater Facilities from WAFR IMS
- NPDES Surface Water Discharge
- Non-Surface Water Discharge

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