

August 13, 2013  
*Revised* December 10, 2013

Inwood Consulting Engineers  
3000 Dovera Drive, Suite 200  
Oviedo, FL 32765

Attn: Mr. David Dangel, P.E.

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

Mr. Dangle:

Tierra, Inc. (Tierra) has performed a pond site Contamination Screening Evaluation Report (CSER) based on the proposed pond alternatives received in July 2013 for the project referenced above. The information presented is intended to provide a risk ranking of all proposed ponds to support the Pond Siting Report (PSR). The contamination screening evaluation presented herein is based on historical aerial photograph and topographic map reviews, governmental database reviews and site reconnaissance.

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

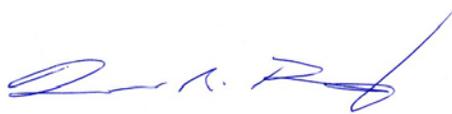
Should you have any questions, please contact us at (813) 989-1354.

Respectfully Submitted,

**TIERRA, INC.**



Clare E. Kramer, PG  
Senior Scientist



Donald R. Polanis, PSSC, CGC  
Chief Scientist

## Executive Summary

Tierra, Inc. (Tierra) has prepared this pond site Contamination Screening Evaluation Report (CSER) for the project referenced above. The information presented is intended to provide a risk ranking of all proposed ponds to support the Pond Siting Report (PSR). The contamination screening evaluation presented herein is based on historical aerial photograph and topographic map reviews, governmental database reviews and site reconnaissance. The Proposed Pond Alternative locations are presented on a recent aerial photograph included in **Appendix A**.

The contamination screening evaluation has resulted in the following risk rankings for the proposed pond alternatives:

Proposed Pond Alternative	Risk Ranking	Comment
Pond 1	No	Undeveloped/Wooded
Pond 2	Medium	Pastureland, Reclaimed Phosphate Strip Mine
Pond 3	Medium	Partially Cleared Woodland, Reclaimed Phosphate Strip Mine
Pond 4	Medium	Pastureland, Reclaimed Phosphate Strip Mine
Pond 5A	Low	I-4 Infield Pond
Pond 5B	Low	I-4 Infield Pond
Pond 5C	Low	I-4 Infield Pond
Pond 6	No	Wooded/Pastureland

For sites ranked “No” or “Low”, no additional work is recommended at this time. Should a facility’s permitting or regulatory status change between now and the time acquisitions are initiated, additional screening should be conducted. For the preferred pond sites with risk rankings of “Medium” or “High”, Tierra recommends Level II field screening to determine if environmental impacts exist at the preferred pond sites.

## 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
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
NPDES	National Pollutant Discharge Elimination System
NRCS	National Resource Conservation Service
PD&E	Project Development and Environment
RCRA	Resource Conservation and Recovery Act
ROW	Right-of-Way
SCS	Soil Conservation Service
SCTL	Soil Clean-up Target Levels
SRCO	Site Rehabilitation and Completion Order
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank

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- Appendix E Environmental FirstSearch Report

## 1.1 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.

## 1.2 PROJECT 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.

## 1.3 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.



## 2.1 Pond 1

The proposed pond alternative is located north of SR 33 and east of Lake Luther Road in Lakeland, Florida. The specific location is shown in **Appendix A**. During site reconnaissance, the pond site was observed as undeveloped and wooded land. Site photographs are included in **Appendix B**.

### Historical Land Use Summary

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 included in **Appendix C**.

Table 1		
Year	Comment	Source
1941 to 2013	Undeveloped/Woodland	UF, EROS, FDOT & Google Earth

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle, published in 1994 and the “Providence, Florida” Quadrangle, published in 1975 (photorevised 1988) topographic maps were reviewed. Pond 1 is shaded green indicating undeveloped or wooded land. No structures are depicted. SR 33 is depicted to the south. A copy of the topographic map is included in **Appendix D**.

### Regulatory Review

An environmental database search using FirstSearch Technology Corporation was conducted in March 2012, to identify sites onsite or within close proximity to the proposed pond alternatives 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. A copy of the Environmental FirstSearch™ Report is included in **Appendix E**. Supplemental regulatory documentation was reviewed from the EPA and FDEP online resources for additional information in July 2013.

No regulated sites were identified on or within close proximity to the proposed pond alternative.

### Risk Ranking

Based on the historical use as undeveloped and wooded land, Pond 1 is given a potential risk ranking of “No”.

## 2.2 Pond 2

The proposed pond alternative is located east of SR 33 and south of the intersection of SR 33 and Village Lakes Boulevard in Lakeland, Florida. The specific location is shown in **Appendix A**. During site reconnaissance, the pond site was observed as pastureland with a drainage ditch along the northern boundary and a man-made lake to the south. Site photographs are included in **Appendix B**.

### Historical Land Use Summary

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 UF, EROS, FDOT and Google Earth. A summary of our review is depicted in the table below. Copies of select aerial photographs are included in **Appendix C**.

Year	Comment	Source
1941 to 1960	Undeveloped/Pastureland/Woodland	UF, EROS & FDOT
1968 to 1971	Disturbed land surface/Earthmoving activities	FDOT
1977 to 2013	Pastureland	FDOT & Google Earth

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle, published in 1994 and the “Providence, Florida” Quadrangle, published in 1975 (photorevised 1988) topographic maps were reviewed. Pond 2 is shaded white indicating undeveloped or vacant land. No structures are depicted. SR 33 is depicted to the west and a lake is depicted adjacent to the southeast. A copy of the topographic map is included in **Appendix D**.

### Regulatory Review

No regulated sites were identified on or within close proximity to the proposed pond alternative.

The former Saddle Creek Phosphate Mine was located adjacent to the northeast and east of Pond 2. Disturbed land surfaces on peripheral properties to the strip mining operation were a result of earthmoving activities in the 1960s and 1970s. Although there are no regulated facilities identified in the vicinity of this pond site, 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.

### Risk Ranking

Based on the historical use as pastureland and disturbed land surface at periphery of adjacent strip mine, Pond 2 is given a potential risk ranking of “Medium”.

## 2.3 Pond 3

The proposed pond alternative is located east of SR 33 and south of the intersection of SR 33 and University Boulevard in Lakeland, Florida. The specific location is shown in **Appendix A**. During site reconnaissance, the pond site was observed as partially cleared grass land with a drainage ditch along the western boundary. Site photographs are included in **Appendix B**.

### Historical Land Use Summary

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 UF, EROS, FDOT and Google Earth. A summary of our review is depicted in the table below. Copies of select aerial photographs are included in **Appendix C**.

Year	Comment	Source
1941 to 1952	Undeveloped/Pastureland	UF & EROS
1960 to 1971	Mining/Earthmoving activities, drainage ditch appears along the western pond boundary and SR 33	FDOT
1977 to 2013	Various stages of vegetative regrowth and land clearing, drainage ditch appears along the western pond boundary and SR 33	FDOT & Google Earth

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle, published in 1994 and the “Providence, Florida” Quadrangle, published in 1975 (photorevised 1988) topographic maps were reviewed. Pond 3 is shaded mottled-pink indicating a reclaimed strip mine. A linear water body followed by SR 33 is apparent along the western pond boundary. No structures are depicted. A copy of the topographic map is included in **Appendix D**.

### Regulatory Review

No regulated sites were identified on or within close proximity to the proposed pond alternative.

The former Saddle Creek Phosphate Mine was located on and surrounding this proposed pond alternative. Disturbed land surfaces due to the strip mining operation were a result of earthmoving activities in the 1960s and 1970s. Although there are no regulated facilities identified in the vicinity of this pond site, 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.

### Risk Ranking

Based on the land use of Pond 3 as a reclaimed phosphate strip mine, it is given a potential risk ranking of “Medium”.

## 2.4 Pond 4

The proposed pond alternative is located west of SR 33 and south of I-4 in Lakeland, Florida. The specific location is shown in **Appendix A**. During site reconnaissance, the pond site was observed as cleared and vacant land with some earthmoving activities. Soil stockpiles were noted in the southern portion of the pond and appear to be utilized for nearby road construction. Site photographs are included in **Appendix B**.

### Historical Land Use Summary

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 UF, EROS, FDOT and Google Earth. A summary of our review is depicted in the table below. Copies of select aerial photographs are included in **Appendix C**.

Year	Comment	Source
1941 to 1952	Undeveloped/Pastureland	UF & EROS
1960 to 1980	Mining/Earthmoving activities	FDOT
1993 to 2013	Pastureland/Various stages of vegetative regrowth and land clearing	FDOT & Google Earth

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle, published in 1994 and the “Providence, Florida” Quadrangle, published in 1975 (photorevised 1988) topographic maps were reviewed. Pond 4 is shaded mottled-pink indicating a reclaimed strip mine. No structures are depicted. SR 33 is depicted to the east. A copy of the topographic map is included in **Appendix D**.

### Regulatory Review

No regulated sites were identified on or within close proximity to the proposed pond alternative.

The former Saddle Creek Phosphate Mine was located on and surrounding this proposed pond alternative. Disturbed land surfaces due to the strip mining operation were a result of earthmoving activities in the 1960s and 1970s. Although there are no regulated facilities identified in the vicinity of this pond site, 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.

### Risk Ranking

Based on the land use of Pond 4 as a reclaimed phosphate strip mine, it is given a potential risk ranking of “Medium”.

## 2.5 Ponds 5A, 5B and 5C

The proposed pond alternatives are located at the intersection of SR 33 and I-4 in Lakeland, Florida. The specific locations are shown in **Appendix A**. During site reconnaissance, the pond sites were observed as grass covered existing infield pond locations and entrance/exit ramps to I-4 and SR 33. Site photographs are included in **Appendix B**.

### Historical Land Use Summary

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 UF, EROS, FDOT and Google Earth. A summary of our review is depicted in the table below. Copies of select aerial photographs are included in **Appendix C**.

Table 5		
Year	Comment	Source
1941 to 1960	Undeveloped/Pastureland/Woodland	UF, EROS & FDOT
1968 to 2013	I-4 and SR 33 Intersection and Infield Ponds	FDOT & Google Earth

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle, published in 1994 and the “Providence, Florida” Quadrangle, published in 1975 (photorevised 1988) topographic maps were reviewed. Ponds 5A, 5B and 5C are shaded white indicating undeveloped or vacant land. No structures are depicted on the pond sites. SR 33 and I-4 are depicted. A copy of the topographic map is included in **Appendix D**.

### Regulatory Review

No regulated sites were identified on or within close proximity to the proposed pond alternative.

Disturbed land surfaces on peripheral properties to the strip mining operation were a result of earthmoving activities in the 1960s and 1970s. Although there are no regulated facilities identified in the vicinity of this pond site, there exists the possibility that undesirable fill material was used as backfill during reclamation activities in this area. However, with construction of I-4 in the 1960s it is probable that any undesirable fill materials were removed prior to construction.

### Risk Ranking

Based on the historical use as undeveloped and wooded land, Pond 5A, Pond 5B and Pond 5C, are given potential risk rankings of “Low”.

## 2.6 Pond 6

The proposed pond alternative is located west of SR 33 and north of Tomkow Road in Lakeland, Florida. The specific location is shown in **Appendix A**. During site reconnaissance, the pond site was observed as undeveloped and wooded land. Site photographs are included in **Appendix B**.

### Historical Land Use Summary

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 UF, EROS, FDOT and Google Earth. A summary of our review is depicted in the table below. Copies of select aerial photographs are included in **Appendix C**.

Year	Comment	Source
1941 to 1960	Undeveloped/Pastureland	UF, EROS & FDOT
1968 to 1971	Disturbed land surface is apparent	FDOT
1977 to 2013	Pastureland/Woodland	FDOT & Google Earth

The USGS 7.5-Minute “Lakeland, Florida” Quadrangle, published in 1994 and the “Providence, Florida” Quadrangle, published in 1975 (photorevised 1988) topographic maps were reviewed. Pond 6 is shaded white indicating undeveloped or vacant land. No structures are depicted. SR 33 is depicted to the south. A copy of the topographic map is included in **Appendix D**.

### Regulatory Review

No regulated sites were identified on the proposed pond alternative.

Two former regulated storage tank sites were identified on non-adjoining properties: the first is located approximately 150 feet to the south across SR 33 and the second is located over 1,000 feet to the east across SR 33 (based on the separation distance of the second tank, it is not considered to be a potential contamination concern and is not further discussed).

One storage tank was registered to the FDOT facility located at “HWY 33 N OF HWY 400” and is currently listed as “Closed”. No records of discharge, release, violations or enforcement actions were identified. The former tank location was not observed during site reconnaissance. Based on this information and the separation distance to the pond alternative, the former presence of a storage tank is not considered to be a potential contamination concern.

### Risk Ranking

Based on the historical use as undeveloped and wooded land, Pond 6 is given a potential risk ranking of “No”.

### 3.0 Risk Ranking Summary

Proposed Pond Alternative	Risk Ranking	Comment
Pond 1	No	Undeveloped/Wooded
Pond 2	Medium	Pastureland, Reclaimed Phosphate Strip Mine
Pond 3	Medium	Partially Cleared Woodland, Reclaimed Phosphate Strip Mine
Pond 4	Medium	Pastureland, Reclaimed Phosphate Strip Mine
Pond 5A	Low	I-4 Infield Pond
Pond 5B	Low	I-4 Infield Pond
Pond 5C	Low	I-4 Infield Pond
Pond 6	No	Wooded/Pastureland

For sites ranked “No” or “Low”, no additional work is recommended at this time. Should a facility’s permitting or regulatory status change between now and the time acquisitions are initiated, additional screening should be conducted. For the preferred pond sites with risk rankings of “Medium” or “High”, Tierra recommends Level II field screening to determine if environmental impacts exist at the preferred pond sites. Regardless of the risk ranking, all ponds sites selected for final design will require Level II field screening. The field screening scope of work should include, at a minimum, soil borings to the proposed depth of the pond and soil sampling for total arsenic. Additional sample analyses may be required based on historical land use of the pond site and surrounding properties. The District Contamination Impact Coordinator should be consulted regarding the field screening scope of work for all final pond sites.

## **4.0 Limitations**

This study was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our course of work and under the scope of work authorized by the client. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by our client for specific application to their project as discussed above. Tierra does not warrant the work of reporting agencies or other third parties supplying information which may have been used in the preparation of this report. No warranty, expressed or implied is made.

# Appendix A

Proposed Pond Alternatives Location Map



SOURCE: FDOT SURVEY AND MAPPING DATED 2011

## POND ALTERNATIVES LOCATION MAP



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

Site Photographs



1. Typical view to the north from southern boundary of Pond 1



2. Typical view to the south from northeast corner of Pond 2



3. Typical view to the west from eastern boundary of Pond 3



4. View to the west from northern boundary of Pond 4



5. Typical view to the southwest from eastern boundary of Pond 5A



6. View to the east from western boundary of Pond 5B



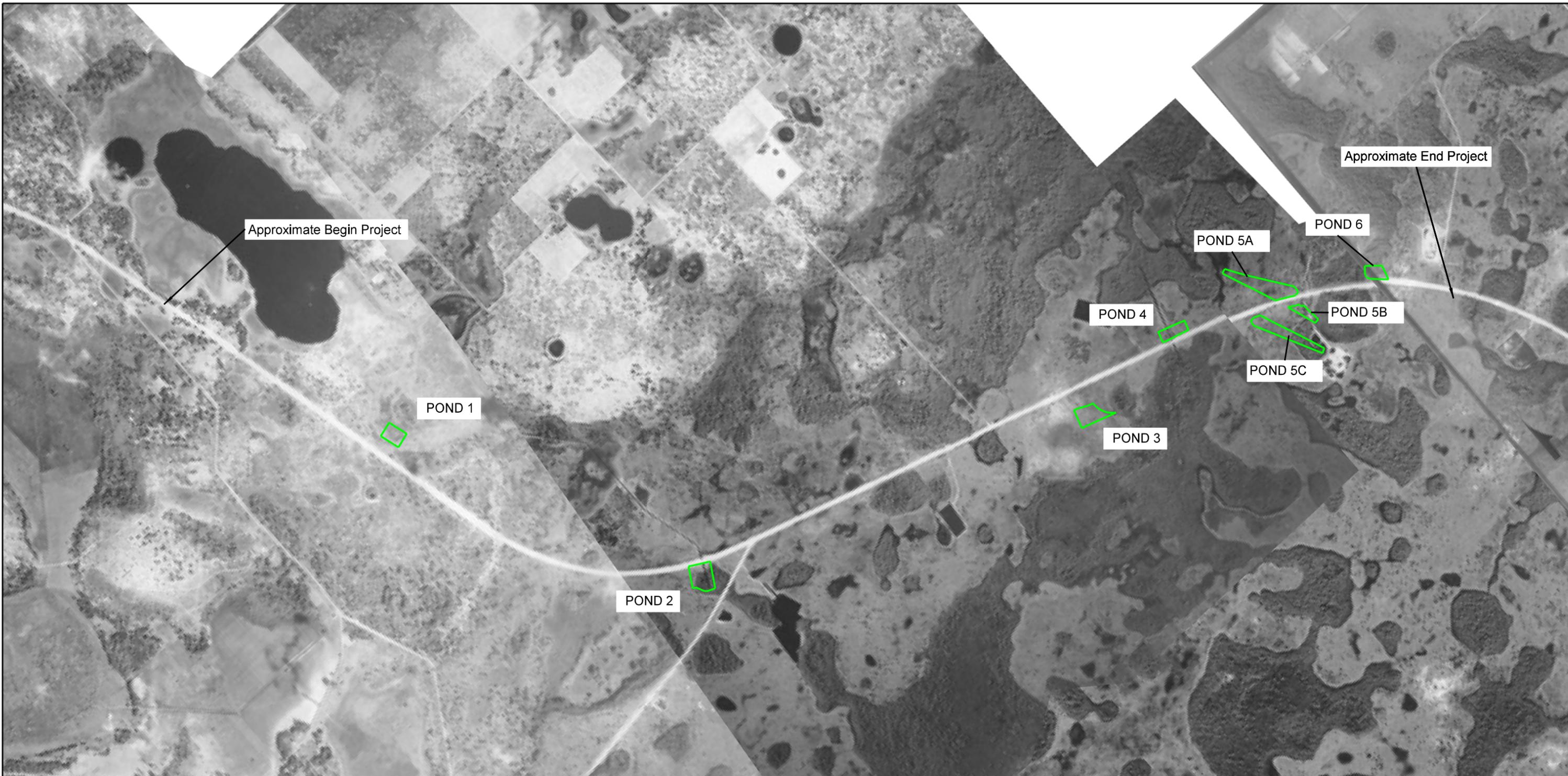
7. View to the east from western boundary of Pond 5C



8. Typical view to the northeast from western boundary of Pond 6

## **Appendix C**

Historical Aerial Photographs



SOURCE: UNIVERSITY OF FLORIDA

# 1941 HISTORICAL AERIAL PHOTOGRAPH



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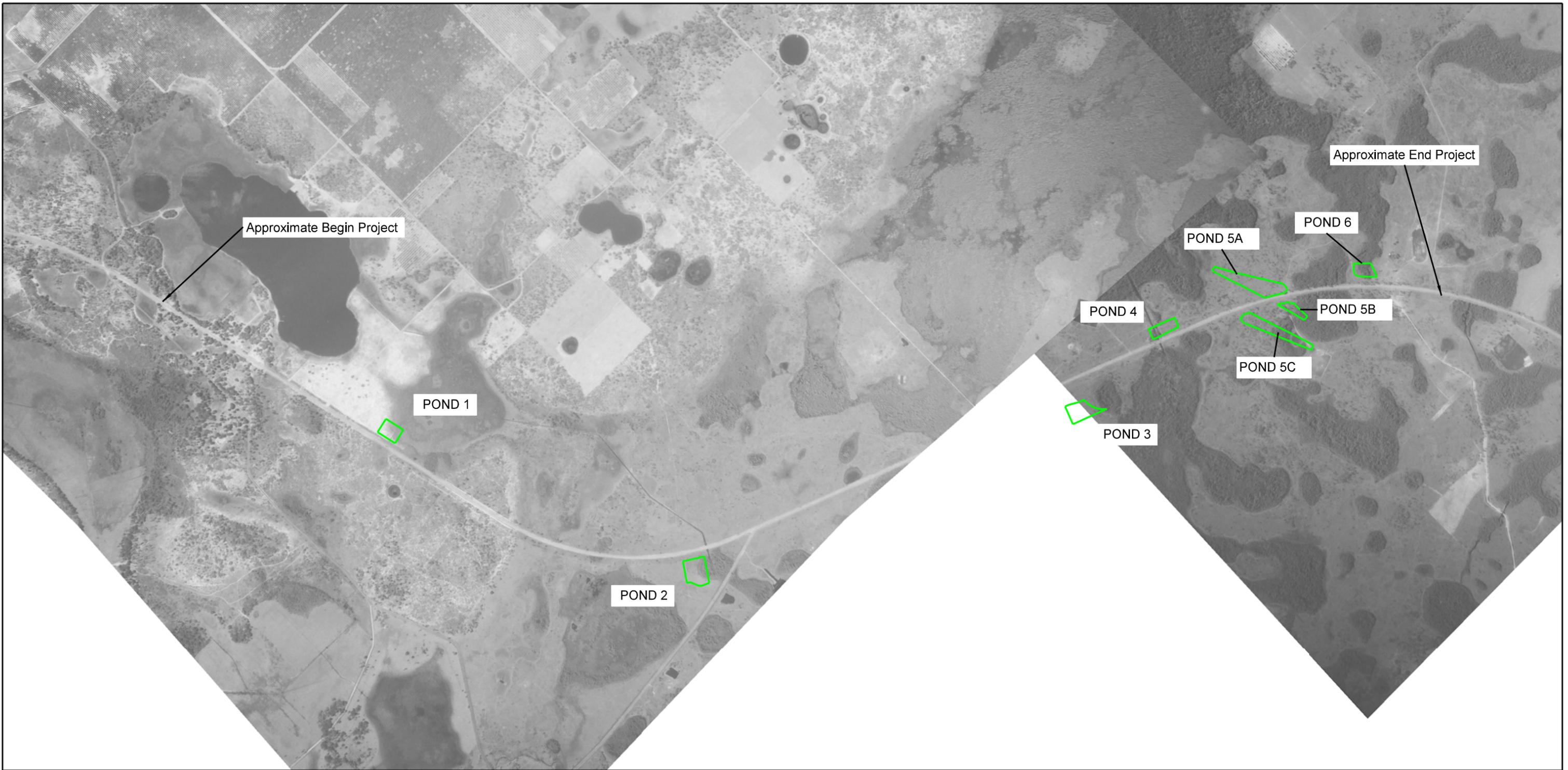


SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

# 1949 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: BJS</p> <p>CHECKED BY: CEK</p>	<p>APPROVED BY: DRP</p> <p>DATE: AUG 2013</p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p><b>TIERRA</b> 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&amp;E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</p>	<p>FIGURE C-2</p>
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SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

**1952 HISTORICAL AERIAL PHOTOGRAPH**



<p>DRAWN BY: <b>BJS</b></p> <p>CHECKED BY: <b>CEK</b></p>	<p>APPROVED BY: <b>DRP</b></p> <p>DATE: <b>AUG 2013</b></p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p><b>TIERRA</b> 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: <b>NOTED</b></p>	<p>PROJECT NUMBER: <b>6511-12-026A</b></p>	<p><b>SR 33 PD&amp;E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</b></p>	<p><b>FIGURE C-3</b></p>
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SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

# 1960 HISTORICAL AERIAL PHOTOGRAPH



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

# 1968 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: <b>BJS</b></p> <p>CHECKED BY: <b>CEK</b></p>	<p>APPROVED BY: <b>DRP</b></p> <p>DATE: <b>AUG 2013</b></p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p><b>TIERRA</b> 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: <b>NOTED</b></p>	<p>PROJECT NUMBER: <b>6511-12-026A</b></p>	<p><b>SR 33 PD&amp;E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</b></p>	<p><b>FIGURE C-5</b></p>
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SOURCE: FDOT SURVEY AND MAPPING

# 1971 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: <b>BJS</b></p> <p>CHECKED BY: <b>CEK</b></p>	<p>APPROVED BY: <b>DRP</b></p> <p>DATE: <b>AUG 2013</b></p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p><b>TIERRA</b> 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: <b>NOTED</b></p>	<p>PROJECT NUMBER: <b>6511-12-026A</b></p>	<p><b>SR 33 PD&amp;E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</b></p>	<p><b>FIGURE C-6</b></p>
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SOURCE: EARTH RESOURCES OBSERVATION AND SCIENCE (EROS) CENTER

# 1977 HISTORICAL AERIAL PHOTOGRAPH



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

# 1980 HISTORICAL AERIAL PHOTOGRAPH



<p>DRAWN BY: <b>BJS</b></p> <p>CHECKED BY: <b>CEK</b></p>	<p>APPROVED BY: <b>DRP</b></p> <p>DATE: <b>AUG 2013</b></p>	<p>FPN/FPID: 430185-1-22-01</p>	 <p><b>TIERRA</b> 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486</p>	<p>SCALE: <b>NOTED</b></p>	<p>PROJECT NUMBER: <b>6511-12-026A</b></p>	<p><b>SR 33 PD&amp;E STUDY FROM OLD CROMBEE ROAD TO TOMKOW ROAD POLK COUNTY, FLORIDA</b></p>	<p><b>FIGURE C-8</b></p>
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SOURCE: FDOT SURVEY AND MAPPING

# 1993 HISTORICAL AERIAL PHOTOGRAPH



DRAWN BY:  
BJS  
CHECKED BY:  
CEK

APPROVED BY:  
DRP  
DATE:  
AUG 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

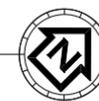
SR 33 PD&E STUDY  
FROM OLD CROMBEE ROAD TO TOMKOW ROAD  
POLK COUNTY, FLORIDA

FIGURE C-9



SOURCE: FDOT SURVEY AND MAPPING

## 2006 HISTORICAL AERIAL PHOTOGRAPH



DRAWN BY:  
BJS  
CHECKED BY:  
CEK

APPROVED BY:  
DRP  
DATE:  
AUG 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 C-10



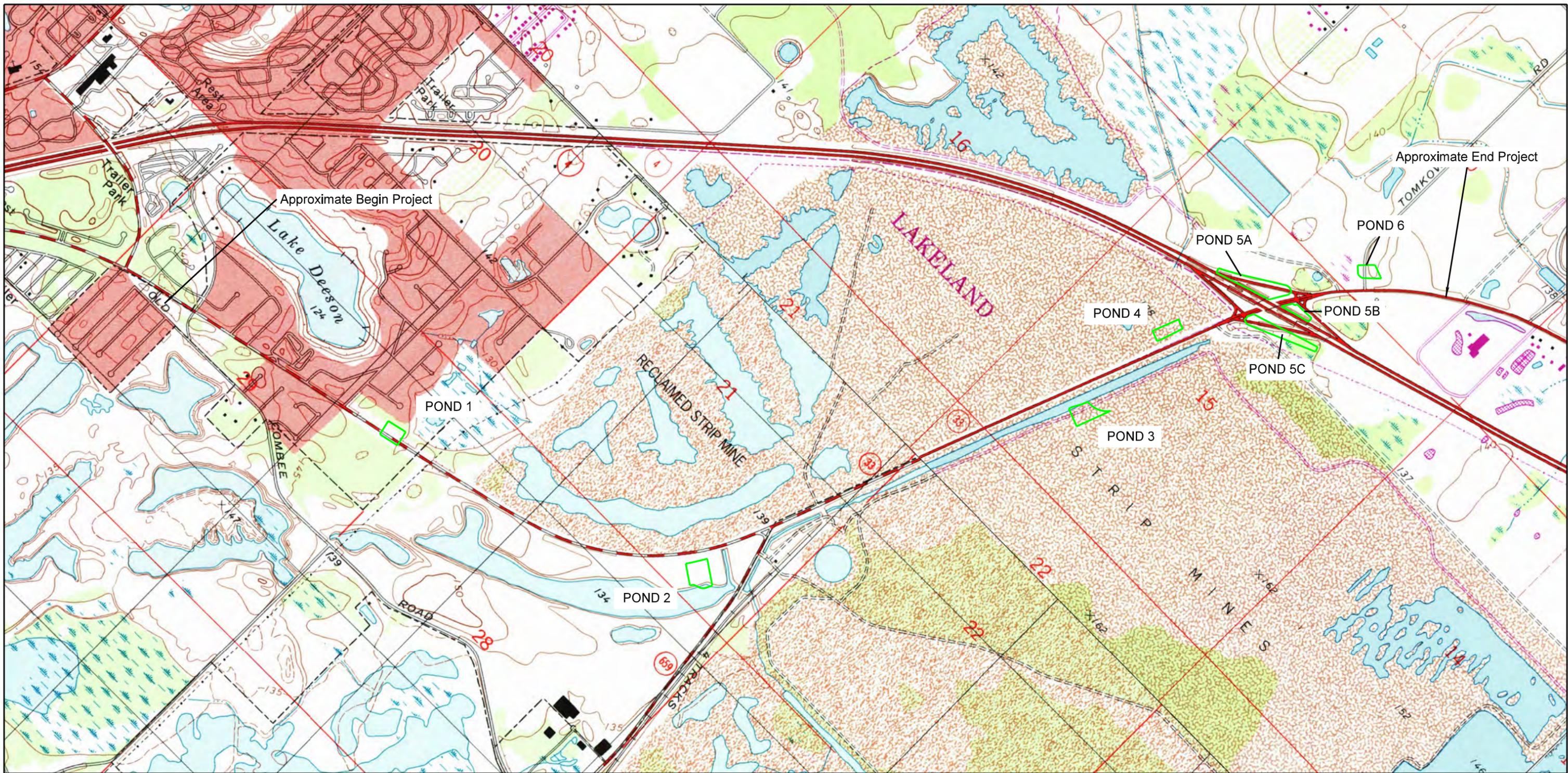
### NRCS SOIL MAP



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

USGS Topographic Map



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

### USGS TOPOGRAPHIC MAP



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

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*

<b>Sites:</b> 37	<b>Non-Geocoded:</b> 24	<b>Population:</b> NA
<b>Radon:</b> NA		

*Site Location*

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

*Comment*

<b>Comment:</b>
-----------------

*Additional Requests/Services*

<b>Adjacent ZIP Codes:</b> 0.5 Mile(s)	<b>Services:</b>
--	------------------

<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

<b>Map ID</b>	<b>DB Type</b>	<b>Site Name/ID/Status</b>	<b>Address</b>	<b>Dist/Dir</b>	<b>ElevDiff</b>	<b>Page No.</b>
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

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

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 7

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

**TANK INFORMATION**

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

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

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

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

<b>TANK ID:</b>	18	<b>STATUS:</b>	CLOSED
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- 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

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

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

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

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

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

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

**REGION:** S

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

**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**

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

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

**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)**

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

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

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

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

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**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

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

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 1

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

**TANK INFORMATION**

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

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

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 2

**FACILITY TYPE:** G - STATE GOVERNMENT  
**DEP CO:** N

**TANK INFORMATION**

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

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

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** SR 33  
LAKELAND FL 33815

**JOB:** 6511-12-026A

OTHER

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

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**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

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

**SITE INFORMATION**

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

**LAND OWNER INFORMATION:**

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

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

**MECHANISM**

**INDICATORS**

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

**TOPOGRAPHY**

<b>FLAT:</b> 1	<b>SLOPE:</b>
<b>VALLEY BOTTOM:</b>	<b>DEPRESSION:</b>
<b>OTHER:</b>	
<b>DRAINAGE STRUCTURE:</b>	<b>SOIL TYPE:</b> 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

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

**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)**

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

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

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

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**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

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

**SITE INFORMATION**

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

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

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

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

- 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

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

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

**DESCRIPTION OF TANK:**

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

<b>FIRE INVOLVED:</b> NO <b>ANY EVACUATIONS:</b> NO <b>WHO EVACUATED:</b> <b>ANY INJURIES:</b> NO <b>NUMBER HOSPITALIZED:</b> <b>NUMBER FATALITIES:</b> <b>DAMAGE AMOUNT:</b> <b>AIR CORRIDOR DESC:</b> <b>WATERWAY CLOSED:</b> NO <b>WATERWAY CLOSURE TIME:</b> <b>ROAD DESC:</b> <b>CLOSURE DIRECTION:</b>	<b>FIRE EXTINGUISHED:</b> UNKNOWN <b>NUMBER EVACUATED:</b> <b>RADIUS OF EVACUATION:</b> <b>NUMBER INJURED:</b> <b>ANY FATALITIES:</b> NO <b>ANY DAMAGES:</b> NO <b>AIR CORRIDOR CLOSED:</b> NO <b>AIR CLOSURE TIME:</b> <b>WATERWAY DESC:</b> <b>ROAD CLOSED:</b> NO <b>ROAD CLOSURE TIME:</b> <b>MAJOR ARTERY:</b> NO
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<b>TRACK CLOSED:</b> NO <b>TRACK CLOSURE TIME:</b> <b>MEDIUM DESC:</b> WATER <b>BODY OF WATER:</b> LAKELAND LAKE <b>NEAREST RIVER MILE MARK:</b> <b>EST DUR OF RELEASE:</b> <b>TRACK CLOSE DIR:</b> <b>ST AGENCY RPT NUM:</b> NONE <b>WEATHER CONDITIONS:</b> <b>WIND SPEED:</b> <b>WATER SUPPLY CONTAM:</b> UNKNOWN <b>SHEEN COLOR:</b> <b>SHEEN ODOR DESCRIPTION:</b> <b>CURRENT SPEED:</b> <b>WATER TEMPERATURE:</b>  <b>DESC OF REMEDIAL ACTION:</b> NONE	<b>TRACK DESC:</b> <b>MEDIA INTEREST:</b> NONE <b>ADDTL MEDIUM INFO:</b> <b>TRIBUTARY OF:</b> UNKNOWN <b>RELEASE SECURED:</b> <b>RELEASE RATE:</b> <b>ST AGENCY ON SCENE:</b> NONE <b>OTHER AGENCY NOTIFIED:</b> <b>AIR TEMPERATURE:</b> <b>WIND DIRECTION:</b> <b>SHEEN SIZE:</b> <b>DIR OF SHEEN TRAVEL:</b> <b>WAVE CONDITION:</b> <b>CURRENT DIRECTION:</b>
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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

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

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

**ADDITIONAL INFO:** CALLER HAS NO ADDITIONAL INFORMATION.

**MATERIAL INFORMATION**

<b>CHRIS CODE:</b> OMT	<b>CASE NUMBER:</b> 000000-00-0
<b>UN NUMBER:</b>	<b>REACHED WATER:</b> YES

<b>NAME OF MATERIAL:</b>	OIL, MISC: MOTOR
<b>AMOUNT OF MATERIAL:</b>	0 UNKNOWN AMOUNT
<b>AMOUNT IN WATER:</b>	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

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

**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

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

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

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

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

<b>VIOLATION NUMBER:</b>	3	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	07/09/2007	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>		<b>RESOLVED:</b>	08/14/2008
<b>TYPE:</b>	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

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

**SITE INFORMATION**

**TOTAL NUMBER OF TANKS:** 3

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

**TANK INFORMATION**

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

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

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

<b>Street Name</b>	<b>Dist/Dir</b>	<b>Street Name</b>	<b>Dist/Dir</b>
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		

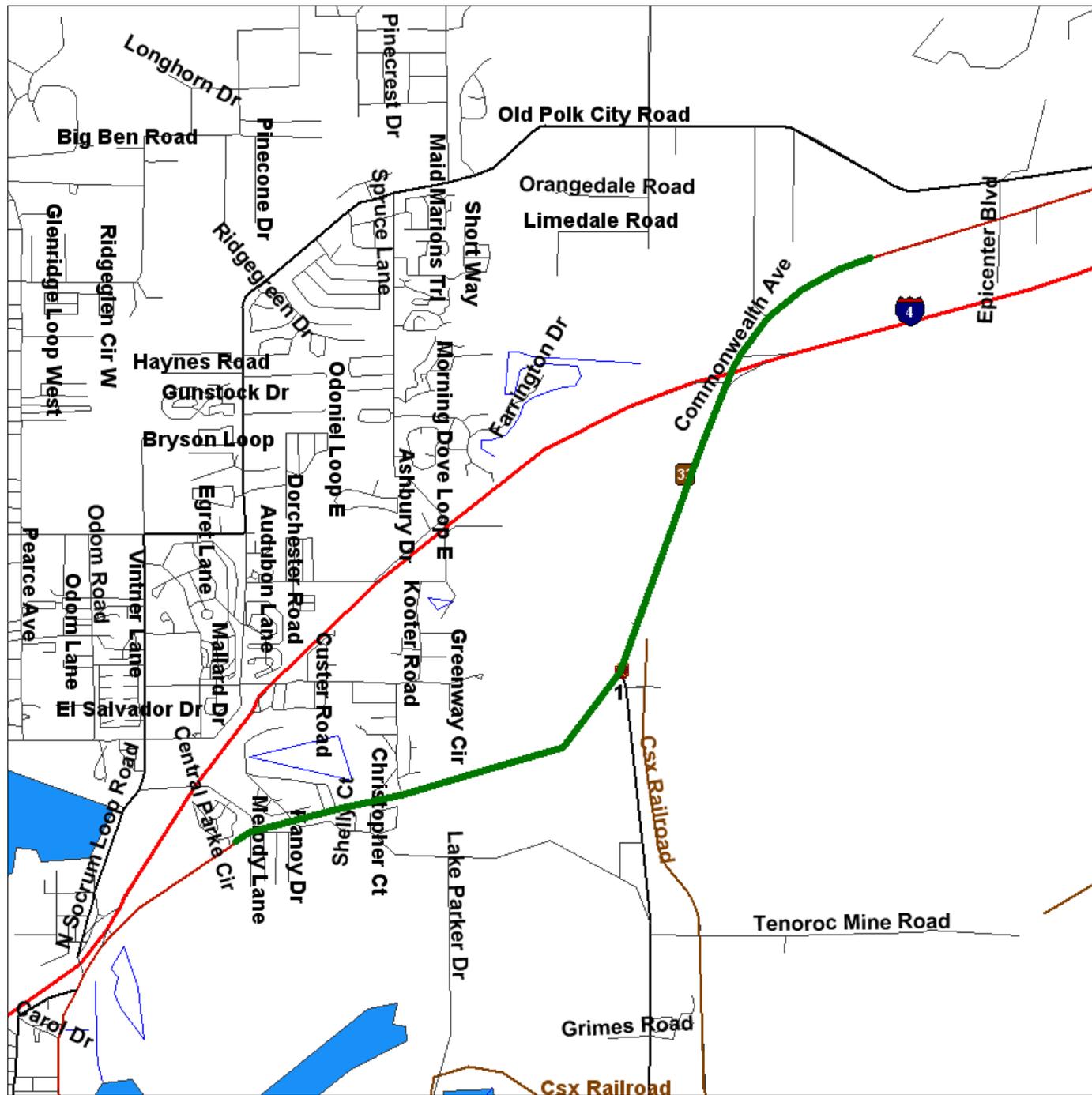


# Environmental FirstSearch

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

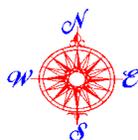


## SR 33 , LAKELAND FL 33815



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 .....	

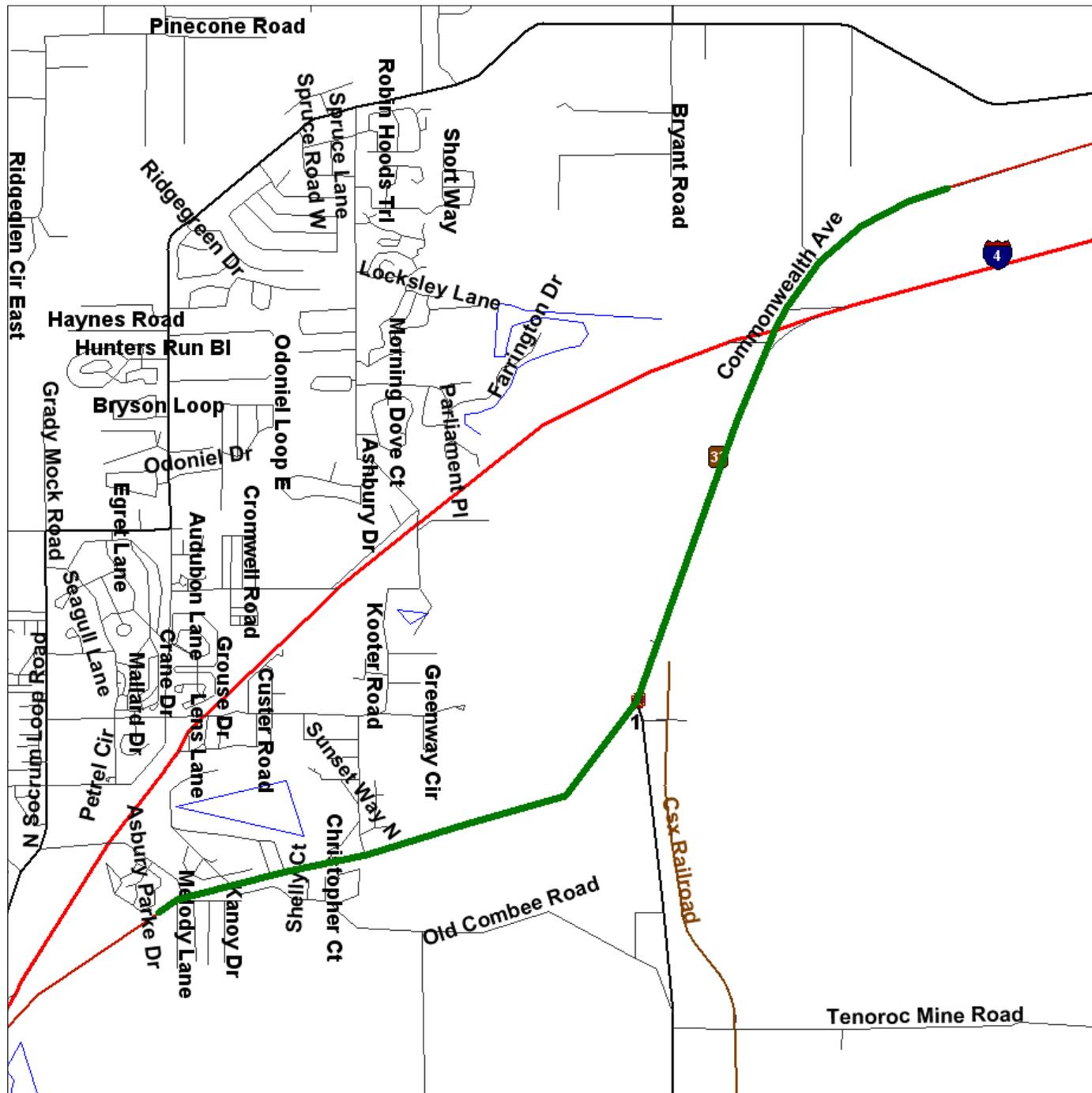


# Environmental FirstSearch

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

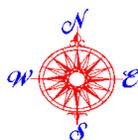


## SR 33 , LAKELAND FL 33815



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 .....	

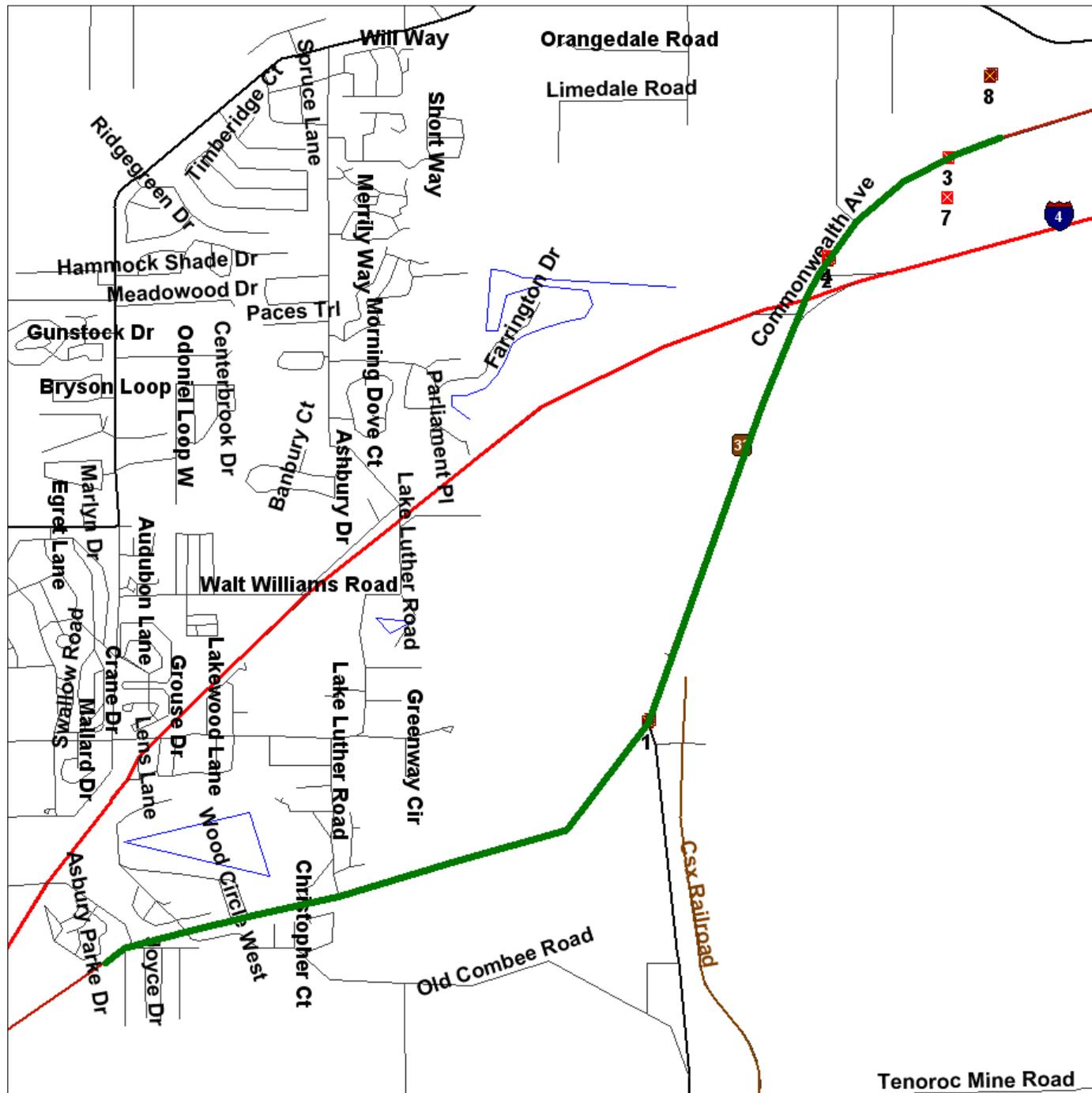


# Environmental FirstSearch

.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 .....	

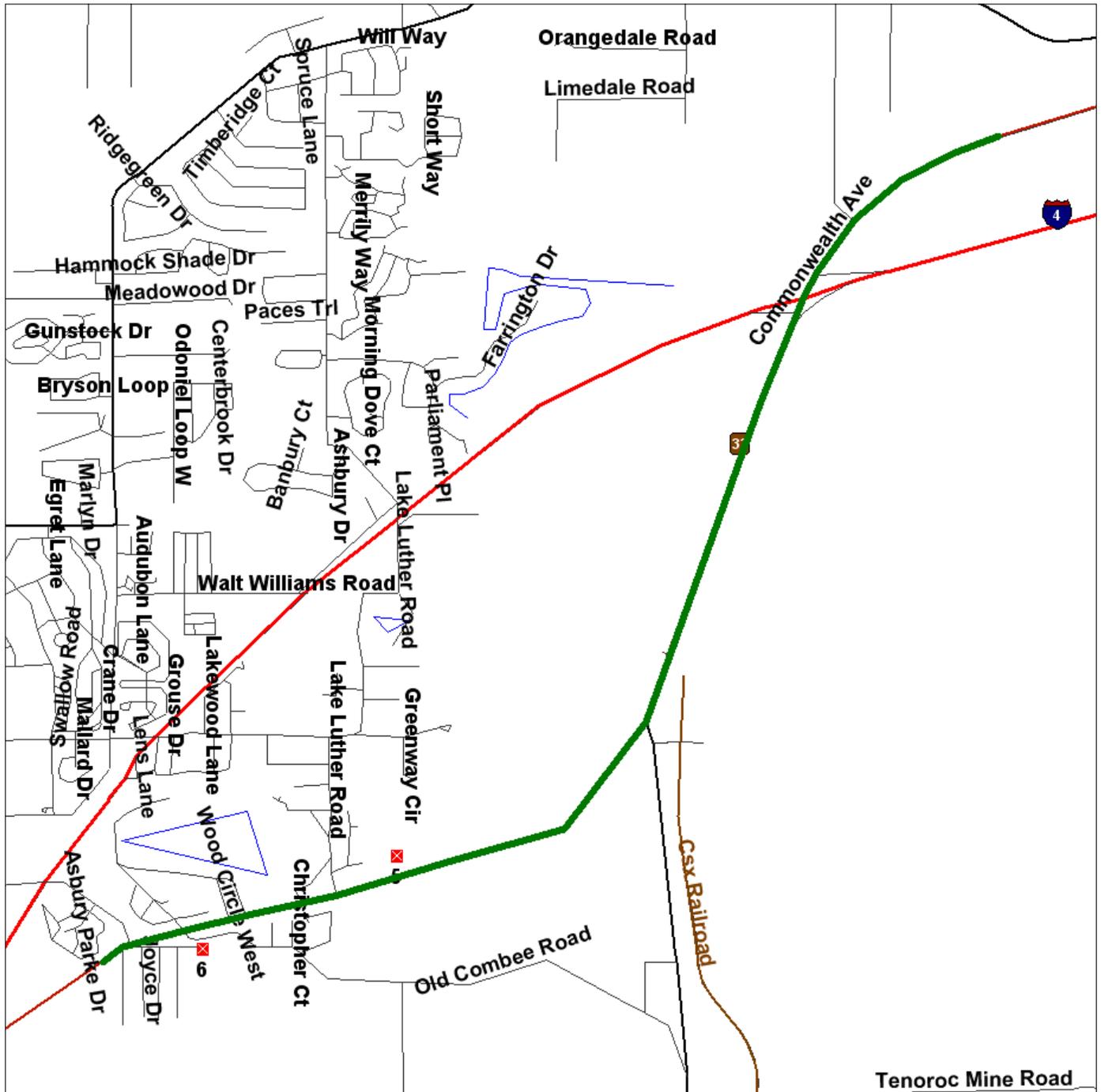


# Environmental FirstSearch

.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*