

# **Level I Contamination Screening Evaluation Report (Mainline)**

**Florida's Turnpike Enterprise**

**Central Polk Parkway  
Project Development and Environment Study**

**From US 17 (SR 35) to SR 60  
New Alignment Project  
Polk County, Florida**

Financial Project ID: 440897-4-22-01

ETDM No.: 14372



**November 20, 2020**

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## Executive Summary

The Florida Department of Transportation (FDOT), Florida's Turnpike Enterprise (FTE), is conducting a Project Development and Environment (PD&E) Study to evaluate a new tolled expressway which includes a 2.2 mile extension of the Central Polk Parkway from US 17 (State Road [SR] 35) to SR 60 in Polk County, Florida. The purpose of this PD&E Study is to evaluate engineering and environmental data and document information that will support FTE and Polk County in determining the type, preliminary design and location of the proposed improvements. The study was conducted in order to meet requirements of the FDOT, the national Environmental Policy Act (NEPA) and other related federal and state laws, rules and regulations.

The purpose of this report is to present the findings of a Level I contamination screening evaluation for the Central Polk Parkway Extension mainline PD&E Study from US 17 to SR 60 roadway project. This report was revised based on comments provided by FTE (DCN 11278 and DCN 11423). A separate Contamination Technical Memorandum – Pond Alternatives was provided for the pond alternatives; and a Contamination Technical Memorandum – Preferred Pond Sites. This report identifies and evaluates known or potential contamination sites within or adjacent to the project area that may affect implementation of the project. The report also presents recommendations for additional analysis and documents possible project impacts and their mitigations.

This Level I Contamination Screening Evaluation Report (CSER) has been prepared using the FDOT PD&E Manual, Chapter 20 reporting format and standard environmental assessment practices of reviewing records of regulatory agencies, site reconnaissance, literature review and when necessary, personal interviews of individuals and business owners within the limits of the project.

Although the current alignment does not coincide with the alignment that was included in the PD&E Final CSER (FPID 432601-1-22-01) dated December 2010 (Revised March 2011), five potential contamination sites were identified within the study area (northern area near US 17). The risk ratings assigned were 1-High, 2-Medium, 1-Low, 1-No. See PD&E Final CSER for details regarding this study. In this document, these contamination sites, identified as Sites 8, 11, 12, 13 and 22 are discussed in **Section 6.0**. The PD&E site reconnaissance was conducted between July 2010 and December 2010.

Three alignment alternatives were studied. Alternative 4 was selected by FTE as the preferred alternative. Based on this Level I contamination screening evaluation, a total of twenty-two potential contamination sites were identified within the project limits. The following table presents a summary of the risk ratings assigned for each potential contamination site/facility:

Risk rating	No. of Sites
No	3
Low	11
Medium	7
High	1

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

- For the locations rated “No” for potential contamination, no further action is required. These sites have been evaluated and determined not to have any potential contamination risk to the study area at this time.

- For the locations rated “Low” for potential contamination, no further action is required at this time. These sites/facilities have the potential to impact the study area, but are determined to have low risk to the project at this time. Variables that may change the risk rating include a facility’s non-compliance to environmental regulations, new discharges to the soil or groundwater, and modifications to current permits. Should any of these variables change, additional assessment of the facilities should be considered.
- In accordance with Chapter 20 of the PD&E Manual, contamination sites that are assigned a “Medium” or “High” risk rating must be further evaluated to verify or determine the extent of impact. The FTE District Contamination Impact Coordinator (DCIC) should be consulted regarding the site-specific Level II field screening scope of work.
- For the locations with a risk rating of “Medium” or “High” Level II field screening should be conducted. It has been determined that Sites 2, 4, 5, 7, 8, 11, 13 and 22 may have potential contaminants that could impact the proposed project. A soil and groundwater sampling plan should be developed. The FTE District Contamination Impact Coordinator (DCIC) should be consulted regarding the site-specific Level II field screening scope of work. Additional recommendations, including analytical testing and media is provided in **Section 7.0**.
- Domestic wells and/or septic systems which may be present at or near current/former structures located within the ROW should be properly abandoned in accordance with state and local regulations. Septic systems were noted at the following addresses: 713 91 Mine Road (west side of mobile home) and 3380 US 17. Two water wells (out of service) were noted along the south side of the Duratek building (3390 US 17) within Alt 4.
- Based on visual observations, suspect Asbestos Containing Materials were noted at structures located within the ROW. The following table provides a list of the locations which may warrant an asbestos survey:

Structures located within Alt 4 ROW and address	
Tyre Equipment (Site 11)	3380 US 17 N, Bartow
Millmac (Site 12)	3390 US 17 N, Bartow
Residence	2690 1 <sup>st</sup> Street, Bartow
Residence	2700 1 <sup>st</sup> Street, Bartow

- Buried debris identified at Site 6 should be removed during or prior to roadway construction.

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



# 1.0 Introduction

## 1.1 Project Description

### 1.1.1 Project Background

A Project Development and Environment (PD&E) study for the Central Polk Parkway, conducted by the FDOT, District 1, FPID 423601-1-22-01, concluded in March 2011 with the approved State Environmental Impact Report. The 2011 PD&E study evaluated a new six-lane limited access facility with two recommended alternatives: the Western Leg (SR 60 to the Polk Parkway [SR 570]) and the Easter Leg (SR 60 to I-4). In February of 2013, the design Segment One (Polk Parkway [SR 570] to US 17 [SR 35]) of the 2011 PD&E Western Leg was partially completed to Phase I design by FDOT District One, FPID 431641-1-52-01. The District One project was placed on hold in April 2016 due to insufficient funding and traffic volume support. Segment One is currently under design by the FTE to provide a new four-lane divided limited access expressway from the Polk Parkway to US 17, FPID 440897-2-52-01. This new expressway will feature all electronic tolling (AET).

The east/west extension from US 17 to SR 60 which is being evaluated as part of this PD&E study, was not evaluated as part of the previous Central Polk Parkway PD&E study, FPID 423601-1-22-01. It should also be noted that the Central Polk Parkway nomenclature is still being utilized.

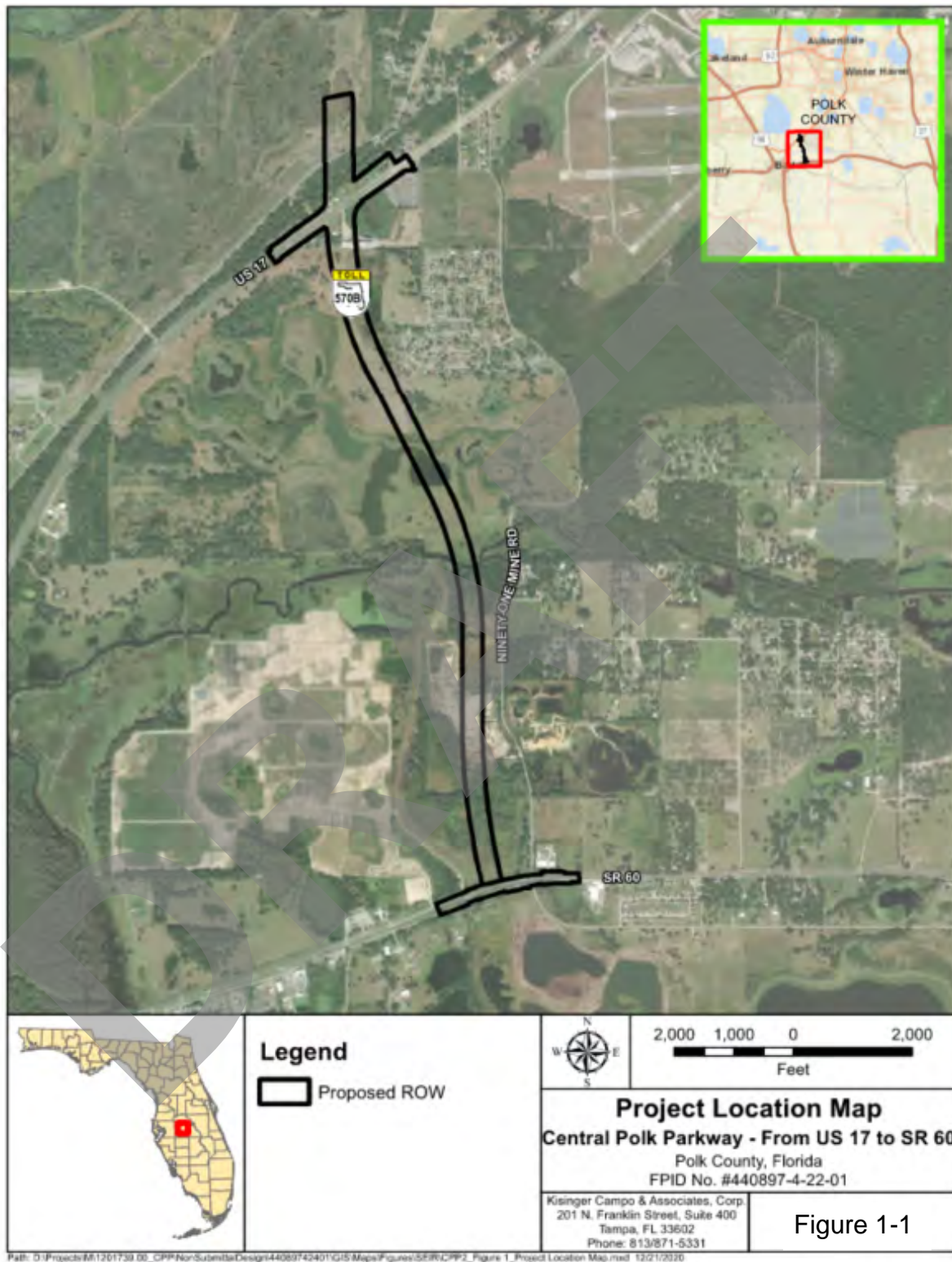
### 1.1.2 Project PD&E Study

The FDOT's FTE is conducting a PD&E study to evaluate a new tolled four-lane limited access expressway located in Polk County, Florida. The study will evaluate extending the Central Polk Parkway beginning at US 17 approximately a half mile west of 91 Mine Road and terminating at SR 60 west of 91 Mine Road. The project is located in Sections 22, 27, and 34 of Township 29 South Range 25 East, and Section 3 of Township 30 South Range 25 East. The project limits (proposed ROW) are shown in **Figure 1-1**. The results of the study will support determination of the type, preliminary design and location of the proposed improvements.

The study evaluates the need for capacity improvements and provides engineering and environmental documentation and analysis to establish the optimal location of the Central Polk Parkway. Other components of the PD&E study include a preliminary engineering report, concept plans, environmental studies, a public involvement program and other information for use in the development of this project.

The project was evaluated through FDOT's Efficient Transportation Decision Making (ETDM) process as project #14372. An ETDM *Programming Screen Summary Report* containing comments from the Environmental Technical Advisory Team (ETAT) was published on June 5, 2019. The ETAT evaluated the project's effects on various natural, physical and social resources.

Figure 1-1 Project Location Map



## 1.2 Purpose and Need

The purpose of this study is to evaluate a new multi-lane limited access facility between US 17 and SR 60. This segment of the Central Polk Parkway will improve regional, north/south connectivity, enhance freight mobility and economic competitiveness, improve emergency evacuation times and accommodate future population growth. This project is a component of a larger regional east/west facility.

According to the University of Florida's Bureau of Economic and Business Research (BEBR), the population of Polk County is estimated to grow from 661,645 (2017) to 906,100 by 2040 (a 27% increase). The Central Polk Parkway from US 17 (SR 35) to SR 60 is anticipated to accommodate the increased travel demand expected from the projected freight, residential and employment growth.

The addition of a new east/west facility to the regional transportation network will relieve congestion from parallel facilities, including truck traffic, in central Polk County, particularly US 98 (SR 700), SR 540, US 17 (SR 35) and SR 60. The Central Polk Parkway will provide additional connections to the local roadway network and Strategic Intermodal System (SIS) facilities such as Polk Parkway (SR 570), US 98 (SR 700) and SR 60. The Polk Parkway is a beltway route that provides connections from Interstate 4 (I-4) to Polk County cities such as Winter Haven, Bartow, Auburndale, and the south side of Lakeland. SR 60 provides coast to coast connections including freight movement to and from the Florida's Gateway Intermodal Logistics Center. US 98 (SR 700) provides north-south connections throughout Polk County.

## 1.3 Proposed Improvements

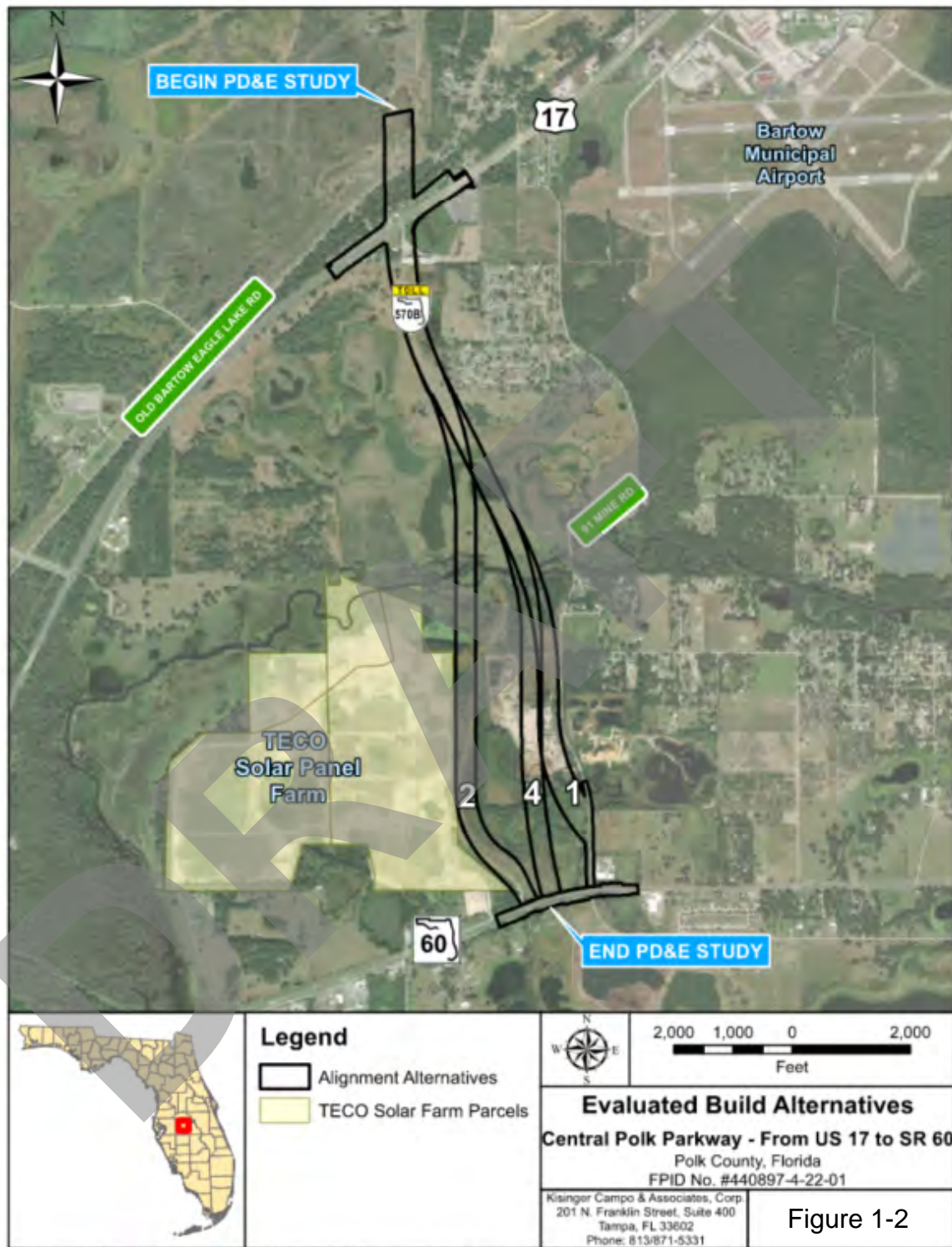
### 1.3.1 No-Build Alternative

The No-Build Alternative remains a viable option throughout the study process. It assumes that both normal and evacuation traffic volumes continue to increase in the future without construction of the roadway. The No-Build Alternative minimizes right-of-way and construction costs along with environmental impacts. However, it does not accomplish the purpose and need for this project.

### 1.3.2 Preferred Alternative

Three (3) build alternatives were evaluated in this PD&E study (**Figure 1-2**). The preferred alternative (Alternative 4) was selected by FTE based on the natural, physical, social, and right of way information. ROW acquisition is anticipated for this project. A detailed alternatives analysis is included in the Preliminary Engineering Report. The preferred alternative includes a new diamond interchange connection with US 17 to the north and the alignment extends south to connect with SR 60 approximately 700 feet west of 91 Mine Road by means of an at grade intersection.

Figure 1-2 Evaluated Build Alternatives

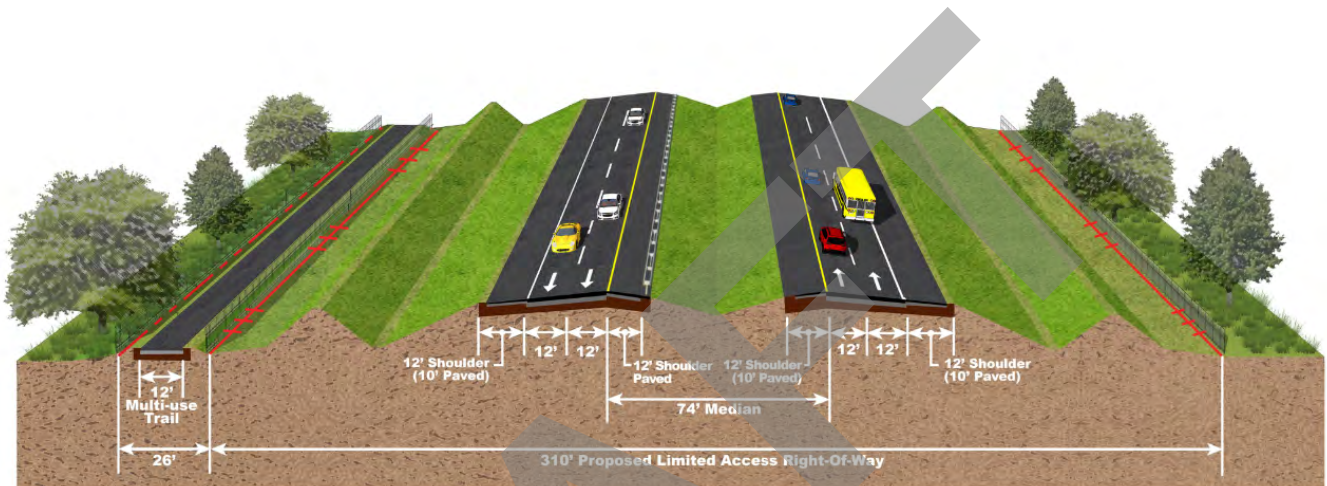


Path: D:\Project\MI1201738.D\CP\Non500metsDesign\44089742201GIS\Map\Figures\CSER\CP\2\_Figure 1-1 - Alternative Alignments Map3.mxd 12/17/2020



The typical section (**Figure 1-3**) consists of a rural, four-lane divided, limited access facility with a 74-foot median, 12-foot travel lanes, 12-foot outside shoulders (10-foot paved), eight-foot median shoulders (4-foot paved) and open roadside ditches. A 12-foot multi-use recreational trail is also being evaluated as part of this PD&E study which will be located within a separate 26-foot right-of-way corridor to run parallel with the Central Polk Parkway alignment.

**Figure 1-3 Four-lane Typical Section**



## 1.4 Purpose of Report

The purpose of this report is to present the findings of a contamination screening evaluation for Central Polk Parkway from SR 35 (US 17) to SR 60. The mainline corridor associated with alternative 4 was evaluated in this report. Pond sites have been evaluated independently and presented under separate cover. This report identifies and evaluates known or potential contamination sites within or adjacent to the project area that may affect implementation of the project. The report also presents recommendations for additional analysis and documents possible project impacts and their mitigations.

## 2.0 Methodology

This CSER was performed in accordance with Chapter 20 of the PD&E Manual. The evaluation included the following tasks:

- Document review using the Polk County Property Appraiser's website to determine parcel lines, acreage, ownership, and development dates;
- A regulatory review of governmental databases for permits and/or violations associated with contamination issues;
- Obtaining and evaluating historical aerial photographs in an effort to determine potential contamination issues. Copies of select historical aerial photographs are presented in **CSER Appendix B**;
- Review of topographic maps to develop an understanding of previous land uses in the study area and to identify any areas that may show historical, natural and manmade features, which aid in determining potential contamination concerns. A copy of the topographic map is provided in **CSER Appendix C**;

- Conducting site visits to verify information provided and to identify other potential concerns within the vicinity of the project; and
- Determining the contamination potential and assigning a risk rating for each potential contamination site within the proposed project limits.

Additionally, the following documents were reviewed as part of this contamination screening evaluation:

- PD&E Final CSER (FPID 432601-1-22-01) dated December 2010 (Revised March 2011). A total of five contamination sites were identified within the study area. The risk ratings assigned were 1-High, 2-Medium, 1-Low, 1-No. These contamination sites are discussed in **Section 6.0**. The PD&E site reconnaissance was conducted between July 2010 and December 2010.

## 2.1 Regulatory Review

An environmental database search using Environmental Data Management, Inc. (EDM) was conducted on September 23, 2019 to identify sites, facilities or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. A search radius of  $\frac{1}{8}$  of a mile for all regulatory databases was conducted as a preliminary screening tool to identify facilities that are registered with various county, state, and federal agencies. EDM extended the search distance to  $\frac{1}{2}$  mile for solid waste, Comprehensive Environmental Response, Compensation, and Liability Act, and National Priorities List sites using Florida Department of Environmental Protection (FDEP) databases.

Four sites were identified in EDM's report which were located within the PD&E recommended search distances: EDM Nos. 1, 2, and 3; the fourth site, which was not assigned an identification number by EDM was an EDB groundwater contamination plume identified on EDM's Environmental Impact Areas Map (EDM report, page 6). These sites are further discussed in **Section 6.1**.

The regulatory review of federal and state environmental records utilizes an integrated geographic information system database. The database report provides geocoded and non-geocoded regulatory listings of interest that are identified within the study area. Each listing is located by address, facility identification (ID) number and field verified where possible. All are reviewed for the potential of contamination to impact the project. The reviewed records include information compiled by the United States Environmental Protection Agency (EPA), the FDEP, and other various reporting programs, as identified in the attached environmental database search report. A complete list of all regulatory record databases searched is included in the environmental database search report, provided in **CSER Appendix D**.

In addition to the environmental database search report, the regulatory records review was supplemented with readily available information from various online sources which typically include those listed below.

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

## 2.2 Site Reconnaissance

Site visits were conducted on October 25, 2019 and November 4, 2019 to evaluate each property within and in close proximity to the study area for potential contamination concerns. The reconnaissance included a systematic inspection of each parcel within the study area looking for signs of potential contamination. This was achieved by first driving the mainline roadway several times in both directions to get generalized information on the study area, then walking specific parcels of interest fronting the Right Of Way (ROW) to gain specific information regarding the usage and condition of the parcel. Photographs of potential contamination concerns and other prominent features were taken during the site inspection. Select images are presented in **CSER Appendix E**.

Some of the typical physical indicators for contamination concerns include: railroad tracks, fill ports and vent pipes associated with underground storage tanks (USTs); oil/petroleum staining; drums; chemical containers; refuse; illicit dumping; solid waste; stressed vegetation; dry cleaning facilities; material handling from adjacent businesses; petroleum dispensers; excavated areas; agricultural use; chemical mix/load areas; stormwater outfall areas; surface water indicators; groundwater monitor wells, restricted area/contamination/HAZMAT/petroleum pipeline signage, and other property uses that may present contamination concerns.

The site reconnaissance in conjunction with the review of historical aerial photography, regulatory database searches, and review/evaluation of available data allows the site to be rated as to the degree of contamination concern as discussed in **Section 2.4**.

## 2.3 Determination of Potential Risk

After gathering and reviewing all readily available public information and conducting site reconnaissance, contamination risk ratings were assigned to sites of potential contamination concern. The rating system is divided into four categories of risk as defined by the FDOT in the PD&E Manual, Part 2, Chapter 20, Section 20.2.2.4, Determination of Risk Rating. These four degrees of risk ratings are “No,” “Low,” “Medium,” and “High.” This system expresses the degree of concern for potential contamination problems.

### No Risk Site

A review of available information on the property and a review of the conceptual or design plans indicates there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.

### Low Risk Site

A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.

### Medium Risk Site

After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impact, and there is reasonable suspicion that contamination may exist, the property

should be rated at least as a “Medium”. Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned in place underground petroleum storage tanks or currently operating gasoline stations should receive this rating.

#### High Risk Site

After a review of all available information and conceptual or design plans, there is appropriate analytical data that shows contamination will substantially impact construction activities, have implications to ROW acquisition or have other potential transfer of contamination related liability to the FDOT.

## 3.0 Land Uses

Land use is an important factor when evaluating historical and current environmental conditions. Evaluating the past use of properties can assist in determining possible chemical constituents that may have been used or associated with a particular parcel. Current land use records, typically supplied by the local county or municipality, also provide environmental professionals additional information. For this project, a site reconnaissance and interviews (email) were performed, and the following items were reviewed: historic aerial photographs and topographic maps.

### 3.1 Site Reconnaissance

During the site reconnaissance on October 25, 2019 and November 4, 2019, the Alt 4 ROW was observed primarily as pasture, woods and low, wet areas. Peace Creek was located in the central area. Some wooded areas, and low, wet areas located in the southern portion of the study area were inaccessible due to dense vegetation and/or wet conditions. In Tierra’s opinion, this is not considered a data gap that would affect the potential contamination site risk ratings at this time. Contamination concerns identified during the site reconnaissance include an active sand mine which also accepts concrete and asphalt for fill materials (Site 4), petroleum stained soil observed around a 55-gallon drum of used oil (Site 5), stained soil (presumably used oil) at a heavy equipment storage yard (Site 7), and multiple areas of petroleum stained soil at Tyre Equipment (Site 11), and are further discussed in **Section 6.0**.

Offsite, SR 60 was noted adjoining south, and US Highway 17 was noted adjoining north. Offsite contamination concerns identified during the site reconnaissance are further discussed in **Section 6.0**.

### 3.2 Historic Aerial Photograph Review

Historical aerial photographs were reviewed to develop a history of the previous land uses within the study area and to identify any areas which may have historical uses that pose potential contamination concerns.

Historical aerial photographs dated 1941, 1958, 1968, 1971, 1980, 1993, 1994, 1999, 2004-2010, 2012-2014, 2016-2018 were reviewed from the United States Geological Society (USGS) Earth Resource Observation and Science (EROS) Center, University of Florida, FDOT Survey & Mapping, and Google Earth online libraries. A summary of our review is discussed in **Table 1** below. A copy of the 2017 aerial photograph is presented in **CSER Appendix A**. Copies of select historical aerial photographs are presented in **CSER Appendix B**.

Additional site-specific current land use details regarding facilities/sites of concern are included in the Potential Contamination Sites Summary Table in **Section 6.0**.



Table 1: Summary of Aerial Photograph Review - Mainline	
Year	Comment
1941	<p>Onsite: Peace Creek is depicted in the central area. North of Peace Creek is mined land (<b>Site 8</b>), a phosphate float and washer plant including three Aboveground Storage Tanks (ASTs) (presumably petroleum), railroad tracks (<b>Sites 9 and 13</b>), cleared land, woods, and low, wet areas. South of Peace Creek is groves (<b>Site 5</b>), cleared land, a railroad track (<b>Site 3</b>), trails, woods, and low, wet areas.</p> <p>Offsite: US 17 is depicted along the northern limits, and SR 60 is depicted along the southern limits. Earthwork/mining was depicted east and west of the Alt 4 ROW. 91 Mine Road is depicted east of the ROW.</p>
1958	Onsite: More earthwork/mining in the northern area ( <b>Site 8</b> ), and more groves ( <b>Site 5</b> ) in the southern area.
1968	<p>Onsite northern area: More clearing, phosphate plant is mostly gone (including railroad and three ASTs), mining operations (<b>Site 8</b>) appear to have ceased, groves (<b>Site 10</b>) added. Several structures remain. Just south of US 17, clearing and one small structure was added.</p> <p>Offsite south: SR 60 widened.</p>
1971	Onsite: More groves just north of Peace Creek ( <b>Site 10</b> ). Clearing and structures added in northern area just south of US 17. In the southern area, woods cleared for pasture just north of SR 60.
1980	Onsite: One large structure (possible industrial facility ( <b>Site 12</b> )) and two small structures ( <b>Site 11</b> ) added just south of US 17. Groves partially gone, earthwork and trails added. Earthwork (possibly pit) just south of Peace Creek. Possible pole barn (for groves; <b>Site 5</b> ) added approximately 1,500 feet south of Peace Creek.
1993	Onsite: Groves ( <b>Site 10</b> ) gone, and a pond or borrow pit added in northern area. Offsite north: US 17 widened.
1994	Structures associated with former mine ( <b>Site 8</b> ) and/or grove ( <b>Site 10</b> ) north of Peace Creek are gone.
1999	Clearing/earthwork (presumably reclamation; <b>Sites 8 and 10</b> ) within much of the ROW.
2004	Most areas are now overgrown/pasture. Pole barn ( <b>Site 5</b> ) 1,500 feet south of Peace Creek gone.
2005-2006	More clearing/earthwork (presumably reclamation) in south-central area.
2007	Three structures within grove ( <b>Site 5</b> ) in south-central area.
2008	Earthwork in northern area.
2010	Two structures within the grove (west boundary) in south-central area are gone ( <b>Site 5</b> ). Three structures added in south-central area. Pipe stockpiles depicted within Alt 4 ROW just north of SR 60.
2013	Earthwork, possible landfill ( <b>Site 6</b> ) activity approximately 550 feet south of Peace Creek within the Alt 4 ROW.
2014-2018	Possible gravel/concrete pile added, and more clearing/earthwork in south-central area ( <b>Site 4</b> ). Heavy equipment depicted onsite.

Table 1: Summary of Aerial Photograph Review - Mainline	
Year	Comment
2017	Four structures ( <b>Site 4</b> ) were removed in the south-central area (approx. 2,100 feet north of SR 60)
2018	Approximately 15 vehicles stored or parked onsite ( <b>Site 6</b> ) in the south-central area. Alt 4 appears similar to present day.

During the historical aerial photography review, contamination concerns noted include groves, railroad tracks, mined land (including float and washer plant with ASTs) (Section 6.0, Table 2, Site 8), industrial sites (Site 12 Millmac and Site 8 phosphate plant), possible grove storage/maintenance structures (Section 6.0, Table 2, Sites 5 and 8), and possible landfill activities (Section 6.0, Table 2, Site 6). These concerns are further discussed in **Section 6.0**.

### 3.3 USGS Quadrangle Map Review

Topographic maps are reviewed to develop an understanding of previous land uses in the study area and to identify any areas that may show historical, natural and manmade features, which aid in determining potential contamination concerns. The USGS 7.5-Minute “Bartow, Florida” Quadrangle dated 1950, photo-revised 1987 and the USGS 7.5-Minute “Auburndale, Florida” Quadrangle dated 1975, photo-revised 1988 were reviewed as part of this study. A copy of the topographic map is provided in **CSER Appendix C**.

Based on a review of the topographic map, the land use within the study area includes a “Hydro Separator,” (phosphate float and washer facility; Site 8), railroad tracks (Sites 3, 9, and 13), strip mine areas (Site 8), groves (Sites 5, 8 and 10), pasture, woods, swamp or marsh, ponds, and unimproved roads. Peace Creek is located in the central on and offsite. The Hydro Separator (Site 8) is depicted just north of Peace Creek and includes several structures. US 17, SR 60, and 91 Mine Road are visible.

Contamination concerns including the phosphate float and washer facility/mined lands (Site 8), railroads (Sites 3, 9 and 13), and groves (Sites 5, 8 and 10) are further discussed in **Sections 6.0**.

## 4.0 Hydrologic Features

### 4.1 Aquifers of Florida

The Floridan aquifer is found throughout Florida and extends into the southern portions of Alabama, Georgia, and South Carolina. This aquifer system is comprised of a sequence of limestone and dolomite, which thickens from about 250 feet in Georgia to about 3000 feet in south Florida. The Floridan aquifer system has been divided into an upper and lower aquifer separated by a unit of lower permeability. The upper Floridan aquifer is the principal source of water supply in most of north and central Florida. In the southern portion of the state, where it is deeper and contains brackish water, the aquifer has been used for the injection of sewage and industrial waste. Groundwater flow is generally from high elevations within the central portion of the state towards the east and west coasts.

In southwestern Florida, aquifers that lie between the surficial aquifer system and the Floridan aquifer system are collectively referred to as the intermediate aquifer system. This aquifer system starts in Hillsborough and Polk Counties and extends south through Collier County. The intermediate aquifer system is under confined conditions and is mainly comprised of permeable layers of sand, shell and

limestone separated by clay confining units. It is the main source of water supply for Sarasota, Charlotte and Lee counties where the underlying Floridan aquifer contains brackish water. Much of the water pumped from this aquifer system is used for agriculture. In most places, water percolates down from the surficial aquifer system above to the intermediate aquifer system. Lateral flow is generally from a high area in Polk County towards major surface water features and the Gulf of Mexico.

The surficial aquifer system in Florida includes any otherwise undefined aquifers that are present at land surface. The surficial aquifer is mainly used for domestic, commercial, or small municipal supplies. The surficial aquifer system is generally under unconfined, or water table conditions and is made up of mostly unconsolidated sand, shelly sand, and shell. The aquifer thickness is typically less than 50 feet. Groundwater in the surficial aquifer generally flows from areas of higher elevation towards the coast or streams where it can discharge as base flow. Water enters the aquifer from rainfall and exits as base flow to streams, discharge to the coast, evapotranspiration, and downward recharge to deeper aquifers.

## 4.2 Hydrology – Site Reconnaissance

During the site reconnaissance, surface waters observed included 2 manmade ponds in the northern area, Peace Creek in the central area, and a pond in the southern area. Although not accessible due to dense vegetation, other low, wet areas are suspected in the southern area. Existing surface drainage appears to be infiltration and runoff generally towards surrounding manmade drainage features and low, wet areas.

## 4.3 Geotechnical Study Review

Tierra's draft PD&E Geotechnical Report dated December 16, 2019 states the following:

### General Site Conditions:

The northern area from US 17 to just north of Peace Creek traverse reclaimed mine lands where past phosphate mining operations (Site 8 – Clear Springs Mine) occurred. The reclaimed mined lands have been modified from their natural conditions. They are characterized by open fields, low-lying areas, and open water bodies.

South of Peace Creek to SR 60, Alternative 1 appears to traverse natural type soils, Alternatives 2 and 3 remained primarily in reclaimed mine lands and Alternative 4 appears to traverse both natural soils and mine lands.

### USDA Soil Survey:

A review of published data from the USDA Soil Survey of Polk County indicates that the area from US 17 to just north of Peace Creek was previously mined for phosphate. The soil units associated with past mining include Hydraquents, clayey (Unit 8), Arents-Water Complex (Unit 11), Neilhurst Sand (Unit 12), Haplaquents, clayey (Unit 57), Arents (Unit 68) and water (Unit 99). These units are either part of the phosphate mining process and are not natural soils or indicate areas that had been modified/re-shaped from their natural condition. Also, Soil Unit 58 (Udorthents, excavated) are excavated areas, and have also been modified but may not be specifically related to past phosphate mining operations.

### Subsurface Exploration:

The majority of the soils encountered within the borings performed were in areas of historic phosphate mining. These soils are not “natural” and have been disturbed, mixed, and modified from past mining operations. In general, the subsurface conditions encountered within the limited borings performed in the “natural” portion of the alignment consisted of sandy soils underlain by clayey soils within the boring depths.

#### Groundwater:

The depths to the shallow groundwater table along the project alignments were found to range from approximately at or above the existing ground surface to depths of greater than 10 feet below the existing ground surface at the locations of the borings performed.

See the complete geotechnical report for further details.

## 5.0 Interviews

Communication with landowners, facility operators, residents, and governmental agencies can aid in the understanding of past and current land uses within the study area. Where possible or when necessary, interviews or requests for information are collected in an effort to identify potential concerns associated with petroleum storage tanks; automotive or marine, maintenance, service or repair facilities; dry-cleaning processes; and other industrial or agricultural operations that could affect the project. Interviews were conducted during the site reconnaissance visits. These interviews are documented in **Section 6.1** (Sites 5, 11, and 12). Email correspondence is provided in **CSER Appendix F** (Site 8).

6.0 Project Impacts

6.1 Potential Contamination Sites Summary

Based on the Contamination Screening, twenty-two potential contamination sites were identified within the study area which may impact the proposed improvements for this project. Details for each site investigated are provided in the Potential Contamination Sites Summary table below. The location of each contamination site is illustrated in **CSER Appendix A**. Relevant background information is presented in **CSER Appendix F**. During the site reconnaissance, wooded, and low, wet areas in the southern portion of the study area were inaccessible due to dense vegetation and/or wet conditions.

Table 2: Mainline Potential Contamination Sites Summary						
Site Number (EDM ID)	Site Name & Address	Database/ Facility ID	Approximate Distance From Alt 4 ROW	Contaminants of Concern	Risk Rating	Comments
1 (EDM ID 1)	Northeast Bartow Regional Force Main No address	ECHO 110043168746	650 feet east	NA	No	During the site reconnaissance, this site was observed as SR 60. Coordinates provided on the Environmental Protection Agency (EPA) Enforcement and Compliance History Online (ECHO) database and EDM’s report depict this location within the SR 60 ROW. This site is listed on the United States EPA ECHO database. This database provides integrated compliance and enforcement information for facilities that are regulated under the Clean Air Act, Clean Water Act, Safe Drinking Water Act, and Resource Conservation and Recovery Act. In this instance, the listing is due to a minor National Pollutant Discharge Elimination System (NPDES) permit for stormwater construction. The permit expired in 2015. No code violations, enforcements or other contamination concerns are reported. Historic aerial photographs depict a pipe staging area just north of SR 60 in 2010. Some of the pipe stockpiles are located within the Alt 4 ROW. Based on the lack of contamination concerns, this facility is assigned a risk rating of No.
2 (EDM ID: NA)	Ethylene Dibromide (EDB) Groundwater Contamination Zone #53263441 No address	FDEP Zone ID 53263441	Within SR 60 ROW	EDB	Medium	This EDB plume is depicted within the SR 60 ROW on EDM’s Environmental Impact Areas Map ( <b>CSER Appendix D</b> ) and FDEP MapDirect database. According to information obtained from the FDEP Delineation database ( <a href="http://www.dep.state.fl.us/water/groundwater/delineate.htm">http://www.dep.state.fl.us/water/groundwater/delineate.htm</a> ), from 1962 to mid-1983, the Florida Department of Agriculture and Consumer Services conducted widespread field application of a soil fumigant, ethylene dibromide (EDB or Dibromoethane 1,2-), to control nematodes in citrus groves. EDB was also used by private citizens on golf courses and on crops such as peanuts and soybeans. The extent of contamination is estimated by the FDEP using a geo-statistical tool called variogram analysis. Where data is incomplete, a 1000-foot protective setback is placed around the contaminated site or well to estimate the extent of the contaminated plume. Additionally, the FDEP has delineated areas of Florida where EDB was historically applied but for which little or no ground water quality data exist. The latest maps produced by the FDEP were approved in 1994. The density of EDB is greater than that of water and therefore sinks through the water column until impeded by an impermeable soil stratum. Since soil borings (geotechnical, etc.) were not performed in the vicinity of the SR 60 ROW, at or near the EDB plume, depth to groundwater is unknown at this time. Although impacts to groundwater are unlikely, due to the potential remnant soil impacts from the application of EDB, this zone is considered a contamination concern to the SR 60 ROW. Therefore, the EDB plume is assigned a risk rating of Medium.
3	Former Railroad No address	NA	Within ROW	Pesticides, herbicides, arsenic	Low	During site reconnaissance, this site was observed as an area which appeared to have been excavated, and is mostly obscured with piles of mulch. This abandoned railroad track is depicted on the 1950 topographic map and historic aerial photographs from at least 1941 to 1968. The railroad has been abandoned and little or no evidence of the tracks remain. Railroads historically used arsenic based herbicides for vegetation and weed control along its corridors. Additionally, the use of petroleum and creosote based compounds were used to preserve railroad ties. Soils appear to have been reworked (earthwork, including moving and blending of soils) during reclamation. Potential contamination impacts were likely mitigated during reclamation which involved earthwork (blending and mixing of soils). Therefore, this site is given a risk rating of Low.

Table 2: Mainline Potential Contamination Sites Summary						
Site Number (EDM ID)	Site Name & Address	Database/ Facility ID	Approximate Distance From Alt 4 ROW	Contaminants of Concern	Risk Rating	Comments
4	Earth Materials Mining, Inc. – Tice Mine / Geo Mining, Inc. 477 N. 91 Mine Rd.	Mine ID: MMR_223348 Mine ID: MMR_ZW700	Within ROW	pH, PAHs, Radium 226, petroleum	Medium	<p>During the site reconnaissance, this facility was observed as an active sand mine which also accepts concrete and asphalt for fill materials. Mined areas are illustrated in <b>CSER Appendix A, Sheet A-3</b>. Within the Alt 4 ROW, the mine was excavated approximately 8 to 12 feet below land surface. Concrete, asphalt and red brick were piled in the north and south-central areas. The southern area was primarily filled with piles of mulch. Signage at the entrance states “Fill Dirt Available also accepting concrete and asphalt.” Based on site observations, landfill activities were not noted. The materials appear to be stored at this location for resale or reuse. One 500-gallon diesel Aboveground Storage Tank (AST) was observed on bare soil in the east-central area (coordinates 27.916354, 81.797160 WGS_1984), along the south side of the paved entrance. The AST and stained soil appear to be located within and/or adjacent to the Alt 4 ROW. A 10 foot by 5 foot area of petroleum stained soil was observed on the east side of the AST. Approximately ten 5-gallon buckets of hydraulic oil, and one water AST were scattered within 100 feet west of the AST along the south side of the entrance.</p> <p>A site inspection report dated October 21, 1992 (found on OCULUS) stated this mine was used for clay and sand. A file note dated October 6, 1989 states this site was used for phosphate mining. The FDEP Mining database stated mining began in 1935 for clay.</p> <p>Phosphate mining may present additional contamination concerns such as low pH, Radium 226, and polynuclear aromatic hydrocarbons (PAHs). Depending on the mining and/or processing method (wet, dry, float and washer plant, etc.), other contaminants may be a concern. At least portions of this facility was used for phosphate mining. No graphics depicting the mine limits were found on the OCULUS database.</p> <p>Due to the petroleum stained soil east of the AST, and the historic use as a phosphate mine, this facility is assigned a risk rating of Medium.</p>
5	Former Groves 713-925 91 Mine Rd. (3 parcels)	NA	Within ROW	Used Oil for stained soil around 55-gallon drum; and Herbicides, pesticides, arsenic, and petroleum at former pole barn	Medium	<p>During site reconnaissance, this site was observed as primarily woods in the northern area, and overgrown fields in the central and southern areas. A mobile home was observed within and adjacent to the Alt 4 ROW. An equipment (vehicle and heavy equipment) storage area was located on the north side of the mobile home on concrete. A wooden shed (8 feet by 6 feet) with a wood floor was located west of the mobile home. Household items, tools and small containers (2-gallon containers and smaller) of paints and lubricants were noted inside the shed. Aerial photographs initially depict the mobile home in 2007. During the site visit, a resident stated the septic tank/drainfield was located along the west side of the mobile home.</p> <p>A shed was added approximately 300 feet northwest of the mobile home in 2010. Based on the contents, the shed appeared to have been used as a residence and storage building. One mobile AST (approximately 1,000-gallons, presumably herbicide/pesticide) was stored on the west side of the shed. Visibility and access was limited by overgrowth. One 55-gallon drum with stained soil (coordinates 27.920324, 81.797790 WGS_1984) was observed approximately 80 feet south of the shed. The stained soil appeared to be used oil, and was approximately 8 feet by 8 feet (64 square feet) in size. Abandoned equipment, including vehicle parts, metal and wood debris was scattered around the area.</p> <p>Groves were identified on both the topographic maps, and historical aerial photographs from at least 1941 to 2016. Agricultural land uses such as citrus groves/row crops can be associated with contamination from residual pesticides, herbicides, heavy metals, and petroleum contaminants in the soil and/or groundwater. The potential for contamination is more concentrated in the mix/load areas, storage/maintenance facilities (i.e. pole barns, equipment maintenance shops, etc.), and at diesel-powered irrigation pumps. Agricultural uses of organic and inorganic pesticides and herbicides are exempt from most RCRA provisions, provided that the farmers apply the chemicals on their own farms and in accordance with labeled instructions. Spills, improper application, too much application and application of disallowed pesticides are not exempted from these requirements. Historic aerial photographs (1980s and 1990s) depict one structure located within the Alt 4 ROW (western edge of grove). Tierra presumes this structure was a pole barn used to store/mix agrichemicals and maintain equipment associated with the grove. The pole barn was gone by 2004. One irrigation well was observed approximately 30 feet east of the Alt 4 ROW.</p> <p>Based on the petroleum stained soil observed around a 55-gallon drum of used oil (northwest of mobile home), and a former pole barn (southwest of mobile home) used to support a grove, both located within the Alt 4 ROW, this site is assigned a risk rating of Medium.</p>

Table 2: Mainline Potential Contamination Sites Summary						
Site Number (EDM ID)	Site Name & Address	Database/ Facility ID	Approximate Distance From Alt 4 ROW	Contaminants of Concern	Risk Rating	Comments
6	<b>Pit/Earthwork</b> West of 91 Mine Rd. Parcel ID: 252934000000013060	NA	Within ROW	Solid waste, buried debris	Low	<p>During the November 4, 2019 site reconnaissance, this site was observed as a manmade pit approximately 15-20 feet below land surface. Limerock outcrops were noted in the area. Visibility of surface conditions was limited by overgrowth in and around the pit. Earthwork (possible excavation and/or fill) was noted on the 1980, 1993, and 2013 aerial photographs. No regulatory files were found for this facility.</p> <p>For the FDOT CPP-2 project (FPID 431641-2-52-01), debris was noted in geotechnical soil borings performed on January 29, 2014. Debris was encountered in 4 borings (108R, 109R, 110L, and 110R) located within the Alt 4 ROW. Debris included concrete, rebar, rock, wood, and organics. Refusal was encountered in 2 of the borings (108R at 1 foot and 110R at 4.75 feet). No contamination testing was performed at that time. Tierra performed a site visit on February 3, 2014 site to conduct a visual investigation of this area. This area was observed as a manmade pit approximately 15-20 feet deep. Concrete rubble had been pushed around and just over the east edge of the pit. Areas east of the pit appeared to have been partially cleared and/or filled. The bottom portion of the pit was observed as a low, wet area with overgrowth (debris was not observed in visible areas of the bottom of the pit).</p> <p>In Tierra’s opinion, historic aerial photographs (2013 in particular), and debris found in borings located within/adjacent to the pit may indicate possible unpermitted landfill activities at this site.</p> <p>Based on the buried debris identified in soil borings, this site is assigned a risk rating of Low.</p>
7	<b>Equipment Storage</b> 925 91 Mine Rd.	NA	Within ROW	Petroleum, automotive/heavy equipment fluids	Medium	<p>During site reconnaissance, this site was observed as woods with several clearings. Approximately 20 pieces of heavy equipment were observed scattered in the clearings and in the woods. Tree services labels were observed on several trucks. Cut trees were scattered on the north side of the clearing. One tanker truck was labeled “jet fuel” (uncertain if empty or with contents) was observed. Approximately 20 five-gallon buckets labeled mostly as hydraulic oil (some empty, some with contents) were scattered about the area, some on bare soil. One rusted 55-gallon drum (coordinates 27.922548, 81.797636 WGS_1984) was observed with stained soil (approximately 2 square feet in size). The soil stain appeared to be used oil. Based on the stained soil and poor house-keeping practices, this site is assigned a risk rating of Medium.</p>

8	<b>Clear Springs Mine (Former IMC Agrico)</b> West of 91 Mine Rd., south of US 17 and north of SR 60, Bartow	EPA ID: FLD000770420	Within proposed ROW	pH, petroleum, and Radium 226, solid waste	<b>High</b> <p>This facility (PD&amp;E Site W203R-2) was identified as a former phosphate mine located within the ROW in the PD&amp;E CSER dated December 2010 (Revised March 2011), and assigned a risk rating of Medium. PD&amp;E recommendations include soil and groundwater sampling for pH, Radium 226, and polynuclear aromatic hydrocarbons (PAHs).</p> <p>During the site reconnaissance, this site was observed as pasture, low, wet areas and ponds. Two 2-inch diameter piezometers within steel protective casings were observed within the Alt 4 ROW in the north-central area. See location in <b>CSER Appendix A, Sheet A-3</b>. Tierra installed and monitored these piezometers in 2013. Additionally, Tierra emailed Mr. Patrick Carroll, Clear Springs Vice President on November 6, 2019 for information regarding the Clear Springs property. See email in <b>CSER Appendix F</b>. If a response is received with pertinent information, it will be added in future reports.</p> <p>During the review of historical aerial photography and topographic maps, mining activities were depicted within and adjacent to most of the ROW since at least the 1940s. Mined areas are illustrated in <b>CSER Appendix A, Sheet A-3</b>, <b>CSER Appendix B</b>, and <b>CSER Appendix C</b>. Contamination related regulatory files were not identified for this facility. Additionally, a “Hydro Separator” or phosphate float and washer facility was identified in the central area (just north of Peace Creek) within the ROW since at least 1941. It appears substantially removed by 1968 (including ASTs and railroad track) and replaced with groves. Some of the structures appeared to remain possibly to support the groves until the 1980s. Reclamation of this area is depicted on the 1999 aerial photograph. This facility is illustrated in <b>CSER Appendix A</b>, <b>CSER Appendix B</b>, <b>CSER Appendix C</b>, and <b>CSER Appendix F</b>. Contamination concerns in the vicinity of this facility include at least 3 bulk storage ASTs (presumably petroleum), railroad tracks, and process waters often used in clay settling (slime) and reclamation areas. The disposition of this former facility is unknown. Therefore, the potential for buried debris exists. During the site reconnaissance, the location of the former mine facilities appeared to be a low and wet area. Evidence of the former mine was not observed during the site reconnaissance.</p> <p>According to the U.S. Environmental Protection Agency (EPA) website, the following statement was provided: “NFRAP-Site does not qualify for the NPL based on existing information.” No further information was available.</p> <p>According to the FDEP’s “Phosphate” website, large draglines are used to conduct the mining. It scoops up the top 15 to 30 feet of earth, known as overburden, and dumps it in spoil piles to the side of the mine pit. The dragline then digs out the ore-bearing layer (known as the matrix), which consists of about equal parts phosphate rock, clay and sand. Matrix material is then dumped in a pit where high-pressure water guns create a slurry that can then be pumped to the beneficiation plant, which can be several miles away. At the beneficiation plant, the phosphate is separated from the sand and clay. The phosphate is sent by rail to a separate chemical processing plant where it is processed for use in fertilizer and other products. The chemical processing is done at separate facilities that are not regulated by the FDEP Mining and Mitigation Program. After going through beneficiation, the clay is pumped through pipelines into large impoundment areas, known as clay settling areas, where they will remain. The sand is pumped through pipelines back to the mined area and is used in reclamation.</p> <p>According to the Selected Study Area Existing Conditions Analysis Polk County Florida report dated May 2012 (by Florida Institute for Phosphate Research (FIPR)), waste disposal, radioactivity, air and water pollution are considered “special regulatory concerns” with regards to “impact to health.”</p> <p>Currently, Florida Administrative Code requires radiation monitoring (soil radium) at phosphate mining areas both pre and post mining, and after reclamation. The FDEP was contacted on March 26, 2019 for contamination assessment/testing related files for this study area. A response provided on March 27, 2019 by Mrs. Marisa Rhian, FDEP Environmental Administrator, Bartow/Homeland Regional Field Office stated areas adjacent to the ROW “were mined for phosphate prior to June 1, 1975 and are considered “nonmandatory.” Reclamation standards for phosphate mines were established for lands mined after June 1, 1975 per Chapter 378, Florida Statutes.” She further stated inquiries regarding radium/radon testing should be sent to the Florida Department of Health’s (FDOH) Bureau of Radiation Control at 407-297-2096, <a href="mailto:RadiationControl@FLHealth.gov">RadiationControl@FLHealth.gov</a>.</p> <p>In an email response from the FDOH, Bureau of Radiation Control, Brenda Andrews stated “according to our Environmental Radiation Section, we have no data points for the mine referenced below as it was closed long before pre and post mining began.” See email in <b>CSER Appendix F</b>.</p> <p>Based on the USEPA Fact Sheet (no date), “phosphate rocks, which can contain relatively high levels of radium and uranium, and are a potential source of exposure.” Radium exposure can be from inhalation and ingestion. It can accumulate in bones and will remain there for a person’s lifetime. In the environment the greatest risk associated with radium is actually posed by its direct decay product radon.</p> <p>Since the former phosphate mine, including float and washer plant with 3 bulk petroleum ASTs were identified within the Alt 4 ROW, the risk rating is raised to High.</p>
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Table 2: Mainline Potential Contamination Sites Summary						
Site Number (EDM ID)	Site Name & Address	Database/ Facility ID	Approximate Distance From Alt 4 ROW	Contaminants of Concern	Risk Rating	Comments
9	Former Railroad No address	NA	Within ROW	Pesticides, herbicides, arsenic	Low	During site reconnaissance, this site was observed as pasture and low, wet areas. This abandoned railroad track is depicted on the 1950 topographic map and historic aerial photographs from at least 1941 to 1968. The railroad has been abandoned and little or no evidence of the tracks remain. Railroads historically used arsenic based herbicides for vegetation and weed control along its corridors. Additionally, the use of petroleum and creosote based compounds were used to preserve railroad ties. Soils appear to have been reworked (earthwork, including moving and blending of soils) during reclamation. Potential contamination impacts were likely mitigated during reclamation which involved earthwork (blending and mixing of soils). Therefore, this site is given a risk rating of Low.
10	Former Groves	NA	Within ROW	Pesticides, herbicides, arsenic, petroleum	Low	During site reconnaissance, this site was observed as pasture and low, wet areas. No buildings or structures were observed onsite. Historic aerial photographs dated 1968-1980 depict former groves and structures located within and adjacent to the Alt 4 ROW. Presumably, one or more of the structures were used to support the groves (i.e. storage/maintenance facility). The structures were located in areas currently low and wet. Presumably, impacts associated with the former groves and maintenance facilities have been mitigated by mined land reclamation since the 1990s. Mined land reclamation includes earthwork, moving/blending of soils, and excavation of a manmade pond. Given the historic use as groves, and the location of former structures in areas that have been reclaimed, this site is assigned a risk rating of Low.
11 (EDM ID 3)	Tyre Equipment 3380 US 17 N, Bartow	TANKS: 8838653	Within ROW	Petroleum, automotive/heavy equipment fluids	Medium	<p>This facility (PD&amp;E Site W203R-3) was identified as an equipment rental facility located 400 feet northeast of the ROW in the PD&amp;E CSER dated December 2010 (Revised March 2011), and was assigned a risk rating of Low. However, it is important to note, this facility is located within the Alternative 4 (the current preferred alternative) ROW.</p> <p>According to information found on the Polk County Property Appraiser database: the 2,160 square foot industrial/warehouse structure was built in 1978 (metal frame with metal siding and roof); a one-story wood frame house was built in 1930; and a car port was built in 1980.</p> <p>During the site reconnaissance, this site was observed as Tyre Equipment, an equipment buy/sale/trade facility. Heavy equipment and parts were observed scattered about the property. Three structures were observed onsite, within the Alt 4 ROW: shop/maintenance/storage building, a house, and a petroleum tank storage shed. Inside the shop was used for equipment and tool storage. Approximately 20 to 30 rusted, unlabeled 55-gallon drums were scattered east and southeast of the shop on bare soil. Some contained used oil and were mostly covered. A mobile equipment storage container was located on the south side of the shop.</p> <p>Equipment maintenance/repair areas were located on both the east and west sides of the shop. An area of petroleum stained soil, approximately 5 feet by 5 feet in size was observed approximately 5 feet east of the east end of the shop. Small (less than 2 square feet) scattered areas of stained soil and/or stressed vegetation were observed along the concrete slab located on the east side of the building, and under and around the covered work area at the west end of the shop.</p> <p>A petroleum storage shed with concrete containment was observed approximately 30 feet east of the shop, along the east boundary. While a drain pipe was noted at the southeast corner, no open/close valve was present. Seven petroleum ASTs, five 55-gallon drums, and multiple 5-gallon buckets were observed within the shed. Four ASTs appeared to be 550-gallons or smaller, and three of the ASTs appeared to be approximately 700-900 gallons in size. The ASTs and drums were not labeled, but the contents appeared to be waste oil and automotive fluids. Petroleum stains were noted within the concrete containment area. Approximately three ASTs (550-gallons or smaller, no labels) and ten rusted 55-gallon drums were located adjacent south of the shed on bare soil.</p> <p>During the site reconnaissance, Mr. Tyre, owner/operator stated he and his father built the shop in 1978 with no floor drains, restrooms or plumbing. The wood frame house was brought onsite by his father around 1950. A septic tank and drainfield are located on the east side of the house. One potable water well is located approximately 70 feet west of the Alt 4 ROW. Mr. Tyre also stated soil borings were performed on his property about five years ago for the FDOT; and the former phosphate mine ("91 Mine") facility was demolished many years ago.</p> <p>Based on the EDM report, this facility maintains one 250-gallon unleaded gasoline aboveground storage tank (AST) and one 550-gallon diesel fuel AST. ASTs of this size are not regulated (inspections, registrations, etc. are not required by regulatory agencies). No discharges were reported.</p> <p>Given multiple areas of petroleum stained soil (south, east and west of the shop), poor house-keeping, and lack of regulatory oversight/files, this facility is assigned a risk rating of Medium.</p>

Table 2: Mainline Potential Contamination Sites Summary						
Site Number (EDM ID)	Site Name & Address	Database/ Facility ID	Approximate Distance From Alt 4 ROW	Contaminants of Concern	Risk Rating	Comments
12 (EDM ID 2)	<b>Duratek Wall Corp./ Oldcastle Precast (currently Millmac)</b> 3390 US 17 N, Bartow	ECHO ID 11002053220 110039629970 110041943868	Within ROW	NA	Low	<p>This facility (PD&amp;E Site W203R-4) was identified as an industrial facility located 750 feet northeast of the ROW in the PD&amp;E CSER dated December 2010 (Revised March 2011), and was assigned a risk rating of No. Duratek was a fabricator of concrete pre-cast walls. However, it is important to note, this facility is located within the Alternative 4 (the current preferred alternative) ROW.</p> <p>During the site reconnaissance, this site was observed as Millmac Fabrication, Welding and Design (marine equipment repair, and marine labor provider). Although this facility was open, no welding or fabrication activities were evident and only 2 employees were onsite. Two small hazmat lockers were observed inside this facility situated on concrete floor. Although no floor drains were observed, concrete floor cuts were evident for underground air lines on the fabrication area floor. Two potable wells were located along the south side of the building. A small shed north of the building was used for an employee break room. Relics of the former Oldcastle precast concrete facility were still in place, including concrete mixing area, and aggregate bins located on the north side of the building. During the site visit, Woody, site manager, stated the facility was on municipal sewer and water. He was not aware of a septic system, fuel storage tanks or floor drains onsite.</p> <p>This site is listed on the EPA ECHO database. This database provides integrated compliance and enforcement information for facilities that are regulated under the Clean Air Act, Clean Water Act, Safe Drinking Water Act, and Resource Conservation and Recovery Act. In this instance, the listing is due to a National Pollutant Discharge Elimination System (NPDES) permit and an Air Facility System (AFS) permit. No code violations, enforcements or other contamination concerns are reported.</p> <p>Based on the location within the ROW and the former storage and/or use of hazardous materials onsite, this facility is assigned a risk rating of Low.</p>
13	<b>Former Railroad</b> No address	NA	Within ROW	Petroleum, herbicides	Medium	<p>This facility (PD&amp;E Site W203R-5) was identified as former railroad track located within the ROW in the PD&amp;E CSER dated December 2010 (Revised March 2011), and was assigned a risk rating of High.</p> <p>During site reconnaissance, this site was observed as an overgrown, wooded corridor located within the ROW, north of US 17. This abandoned railroad track is depicted on topographic maps and historic aerial photographs since at least 1941. The railroad has been abandoned and little or no evidence of the tracks remain, except a built up (fill material and gravel) corridor. A bridge structure is planned for construction over US 17 which will impact the location of the railroad. Given the possibility for residual contamination associated with herbicides, heavy metals and petroleum products, this site is assigned a risk rating of Medium.</p>
14 (EDM 4)	<b>Scrap It III/Bartow Auto Salvage</b> 3450 US 17, Bartow	<b>Hazardous Materials</b> FLR000177469	Adjacent south of US 17; 650 feet east of Alt 4 ROW	Petroleum, automotive fluids	Low	During the site reconnaissance, this facility was observed as Scrap It III, an auto salvage yard. According to information found on FDEP's MapDirect database, this facility is a registered CESQG with no unresolved code violations, enforcements, or other contamination concerns reported. Given it's location outside the proposed ROW, this facility is assigned a risk rating of Low.
15 (EDM 5)	<b>Christina's Market (currently Lizzy's Supermarket)</b> 3470 US 17, Bartow	8623579	Adjacent south of US 17; 1,400 feet east of Alt 4 ROW	Petroleum	Low	During the site reconnaissance, this facility was observed as Lizzy's Supermarket/OnPoint Wingz. According to information found on the OCULUS database, this facility formerly maintained two 8,000-gallon unleaded gasoline USTs, removed in 1992. Petroleum discharges were reported on January 27, 1989 and October 19, 1991. Cleanup was combined and the discharges were issued a Site Rehabilitation Completion Order on July 10, 2008. Given the lack of current contamination concerns, this facility is assigned a risk rating of Low.
16	<b>Tampa Electric Company Substation</b> Old Bartow Eagle Lake Road	NA	200 feet north of the US 17 ROW	PCBs, petroleum	No	During the site reconnaissance, this facility was observed as an electricity substation. No regulatory records were found for this facility. Typical contaminants of concern at electrical substations include Polychlorinated Biphenyls (PCBs), and Mineral Oil Di-Electric Fluid (MODEF). MODEF is typically a petroleum based product. No indications of a discharge were observed. Based on the considerable distance and lack of reported or observed contamination concerns, this facility is assigned a risk rating of No.
17 (EDM 6)	<b>Lake Hancock</b> 3217 Old Bartow Eagle Lake Rd, Bartow	<b>ECHO ID</b> 110059798759	200 feet east of Alt 4 ROW	NA	No	During the site reconnaissance, this site was observed as pasture. This site is listed on the EPA's ECHO database. In this instance, the listing is due to an NPDES permit. Coordinates (27.943232, 81.80324) provided on the EPA ECHO Detailed Facility Report are located approximately 200 feet east the Alt 4 ROW. No code violations, enforcements or other contamination concerns are reported. Based on the separation distance and lack of contamination concerns, this facility is assigned a risk rating of No.
18 (EDM ID: NA)	<b>Ethylene Dibromide (EDB) Groundwater Contamination Zone #53263425</b> No address	FDEP Zone ID 53263425	350 feet east	EDB	Low	Based on EDM's Environmental Impact Areas Map and FDEP MapDirect, an EDB plume is located approximately 350 feet east of proposed ROW. See impacted areas in <b>CSER Appendix A</b> . Based on the separation distance from the project, setback distances used to generate the zone map, and depths of potential contamination impacts presumed to be below anticipated construction depths, this zone is assigned a risk rating of Low. Given the separation distance to the ROW, it is assigned a risk rating of Low.

Table 2: Mainline Potential Contamination Sites Summary						
Site Number (EDM ID)	Site Name & Address	Database/ Facility ID	Approximate Distance From Alt 4 ROW	Contaminants of Concern	Risk Rating	Comments
19	Alturas Packing Co. 3505 SR 60, Bartow	TANKS: 8623538	Adjacent south of the SR 60 ROW	Petroleum	Low	During the site reconnaissance, this was observed as an abandoned packing facility. Tank registration forms found on the OCULUS databased state the following: Two fuel storage tanks: one 20,000-gallon diesel AST installed in 1972 and closed in place in 1996; and one 4,000-gallon unleaded gasoline UST installed in 1972 and status was listed as “temporarily out of service” since 1990. No discharges were reported. A sketch depicts the 4,000-gallon UST located approximately 250 feet south of the SR 60 ROW. The 20,000-gallon AST was located approximately 400 feet south of the SR 60 ROW. Given the separation distances of the tanks to the ROW, this site is assigned a risk rating of Low.
20 (EDM)	Florida Truck & Trailer 3500 SR 60, Bartow	ECHO 110006839378 NONTSD FLR000058396	Adjacent north of the SR 60 ROW	Petroleum, solvents, metals	Low	During the site reconnaissance, this site was observed as Florida Truck & Trailer, a truck maintenance facility. This site is listed in EDM’s report (proximal site summary table) with an EPA ECHO database listing for an FDEP Warning Letter #123456 dated August 2, 1999. The warning letter was issued based on seven violations noted during an FDEP hazardous waste site inspection performed on July 26, 1999. Violations noted were administrative in nature (i.e. improper/no labels, manifests, failure to post spill control procedures and emergency response contacts, failure to coordinate with local authorities for emergency response, failure to inspect hazardous waste storage areas, etc.). Violations cited in the warning letter were resolved and the case was closed according to the FDEP letter dated October 27, 1999. The NONTSD database listing is for registration as a Small Quantity Generator (SQG) of hazardous wastes submitted in 1999. Given the lack of documented contamination, this facility is assigned a risk rating of Low.
21	Former Groves North and south of SR 60 ROW, Bartow	NA	Adjacent north and south of SR 60 ROW	Herbicides, pesticides, arsenic	Low	During site reconnaissance, this site was observed as residences, Florida Truck & Trailer, Alturas Packing Co., and pasture. Groves were depicted on aerial photographs from at least 1941 to 2006. Given the offsite location of the former groves with no documented contamination concerns, this site is assigned a risk rating of Low.
22	Former Old Florida Plantation Property North of US 17 and north of Old Bartow-Eagle Lake Road, Bartow	NA	Within proposed ROW	pH, petroleum, and Radium 226, solid waste	Medium	<p>This facility (PD&amp;E Site W203R-6) was identified as a former phosphate mine located within the ROW in the PD&amp;E CSER dated December 2010 (Revised March 2011), and assigned a risk rating of Medium. PD&amp;E recommendations include soil and groundwater sampling for pH, Radium 226, and polynuclear aromatic hydrocarbons (PAHs).</p> <p>During the site reconnaissance, this site was observed as pasture.</p> <p>Given the former use as a phosphate mine, this site is assigned a risk rating of Medium.</p>

## 7.0 Conclusions and Recommendations

Based on this Level I contamination screening evaluation, a total of twenty-two potential contamination sites were identified within the project limits. The following table presents a summary of the risk ratings assigned for each potential contamination site/facility:

Risk rating	No. of Sites
No	3
Low	11
Medium	7
High	1

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

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

- For the locations rated “No” for potential contamination, no further action is required. These sites have been evaluated and determined not to have any potential contamination risk to the study area at this time.
- For the locations rated “Low” for potential contamination, no further action is required at this time. These sites/facilities have the potential to impact the study area, but are determined to have low risk to the project at this time. Variables that may change the risk rating include a facility’s non-compliance to environmental regulations, new discharges to the soil or groundwater, and modifications to current permits. Should any of these variables change, additional assessment of the facilities should be considered.
- For the locations with a risk rating of “Medium” or “High” Level II field screening should be conducted. It has been determined that Site # 2, 4, 5, 7, 8, 11, 13 and 22 may have potential contaminants that could impact the proposed project. A soil and groundwater sampling plan should be developed. The sampling plan should provide sufficient detail as to the number of soil and groundwater samples to be obtained and the specific analytical tests to be performed. The following table provides a list of analytical tests which may be performed for the High or Medium rated sites. See the following table for recommended analytical tests and media. A site location sketch for each facility showing all proposed boring locations and groundwater monitoring wells should be prepared. The FTE District Contamination Impact Coordinator (DCIC) should be consulted regarding the site-specific Level II field screening scope of work.

Laboratory Analytical Testing			
Contaminants of Concern	Site No. Site Name	Analytical Parameters	Media
EDB	<b>2 - Ethylene Dibromide (EDB) Groundwater Contamination Zone #53263441</b> No address	Ethylene Dibromide by EPA Method 8011	Soil and groundwater
Phosphate Mining/ Petroleum (including PAHs) pH, Radium 226	<b>4 - Earth Materials Mining, Inc. – Tice Mine / Geo Mining</b> 477 N. 91 Mine Rd.	Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270 Total Petroleum Hydrocarbons (TPH) by FL PRO method Volatile Organic Compounds (VOCs) EPA Method 8260 pH in situ Radium 226 by EPA Method 903.1	Soil and Groundwater
Used Oil for stained soil around 55-gallon drum; and Herbicides, pesticides, arsenic, and petroleum at former pole barn	<b>5 - Former Groves</b> 713-925 91 Mine Rd. (3 parcels)	<u>Used oil stain</u> PAHs by EPA Method 8270 TPH by FL PRO method VOCs EPA Method 8260 RCRA 4 Metals by EPA Method 6010 <u>Former Pole Barn</u> Arsenic by EPA Method 6010 Organochlorine Pesticides by EPA Method 8141 Organophosphorus Pesticides by EPA Method 8081 Herbicides by EPA Method 8151	Soil and Groundwater
Petroleum, automotive/heavy equipment fluids	<b>7 - Equipment Storage</b> 925 91 Mine Rd.	PAHs by EPA Method 8270 TPH by FL PRO method VOCs EPA Method 8260 RCRA 4 Metals by EPA Method 6010 PCBs by EPA Method 8082	Soil and Groundwater
pH, petroleum, and Radium 226, solid waste	<b>8 - Clear Springs Mine (Former IMC Agrico)</b> West of 91 Mine Rd., south of US 17 and north of SR 60	PAHs by EPA Method 8270 TPH by FL PRO method VOCs EPA Method 8260 pH in situ Radium 226 by EPA Method 903.1	Soil and Groundwater
Petroleum, automotive/heavy equipment fluids	<b>11 - Tyre Equipment</b> 3380 US 17 North	PAHs by EPA Method 8270 TPH by FL PRO method VOCs EPA Method 8260 RCRA 4 Metals by EPA Method 6010 PCBs by EPA Method 8082	Soil and Groundwater
Herbicides, heavy metals, and petroleum products	<b>13 - Former Railroad</b> No address	Herbicides by EPA Method 8151, PAHs by EPA Method 8270 TPH by FL PRO method VOCs EPA Method 8260 RCRA 4 Metals by EPA Method 6010	Soil and Groundwater

Laboratory Analytical Testing			
Contaminants of Concern	Site No. Site Name	Analytical Parameters	Media
pH, petroleum, and Radium 226, solid waste	<b>22 - Former Old Florida Plantation Property</b> North of US 17 and north of Old Bartow-Eagle Lake Road	PAHs by EPA Method 8270 TPH by FL PRO method VOCs EPA Method 8260 pH in situ Radium 226 by EPA Method 903.1	Soil and Groundwater

- Domestic wells and/or septic systems which may be present at/or near current/former structures located within the ROW should be properly abandoned in accordance with state/local regulations. Septic systems were noted at the following addresses: 713 91 Mine Road (west of mobile home) and 3380 US 17. Two water wells (out of service) were noted along the south side of the Duratek building (3390 US 17) within Alt 4.
- Based on visual observations, suspect Asbestos Containing Materials were noted at structures located within the ROW. The following table provides a list of the locations which may warrant an asbestos survey:

Structures located within Alt 4 ROW and address	
Tyre Equipment (Site 11)	3380 US 17 N, Bartow
Millmac (Site 12)	3390 US 17 N, Bartow
Residence	2690 1 <sup>st</sup> Street, Bartow
Residence	2700 1 <sup>st</sup> Street, Bartow

- Buried debris identified at Site 6 should be removed during or prior to roadway construction.

## **CSER APPENDIX A**

### **Project Location and Potential Contamination Sites Maps**



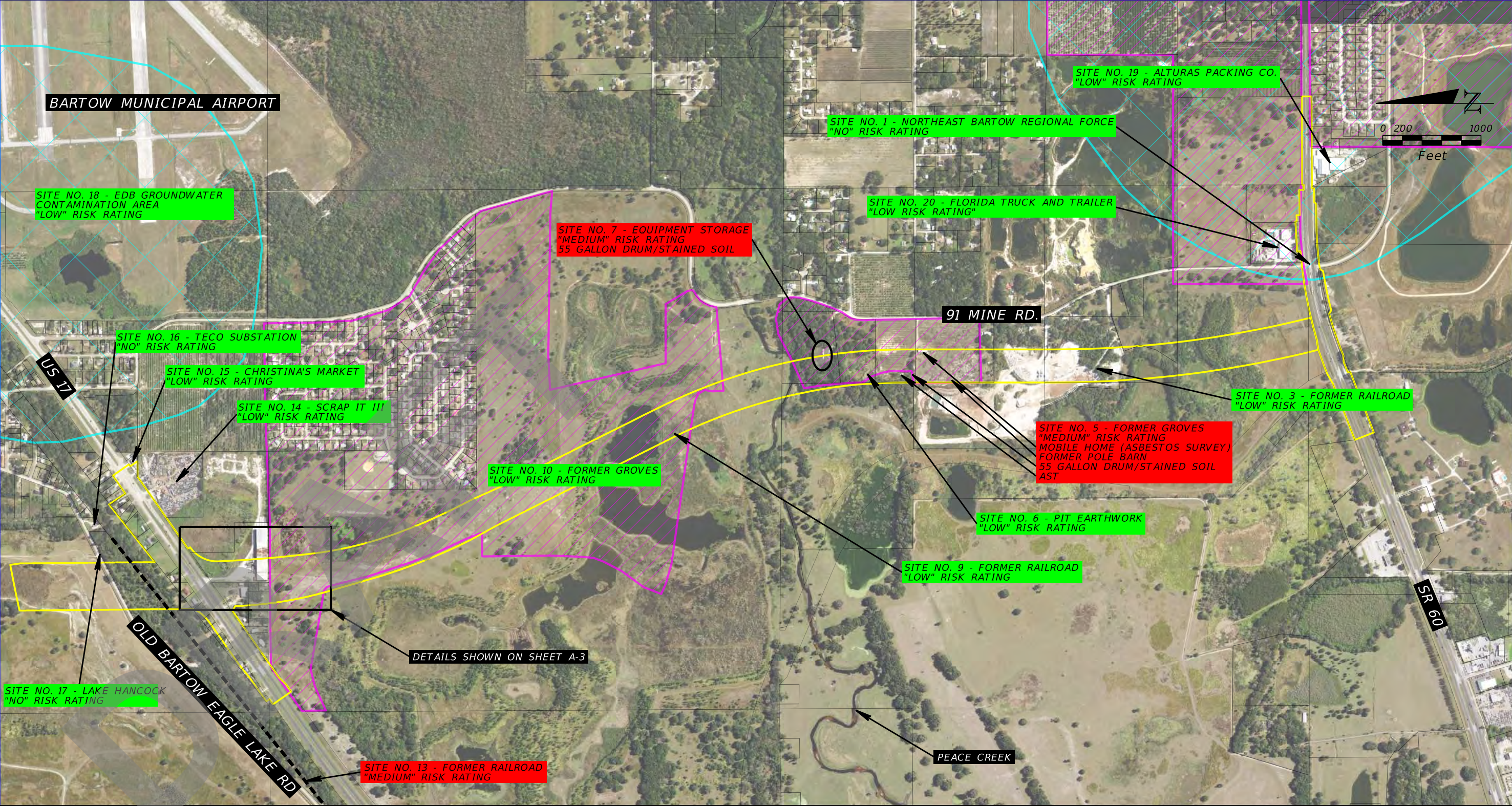


PROJECT LOCATION MAP

RIGHT OF WAY

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  A-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

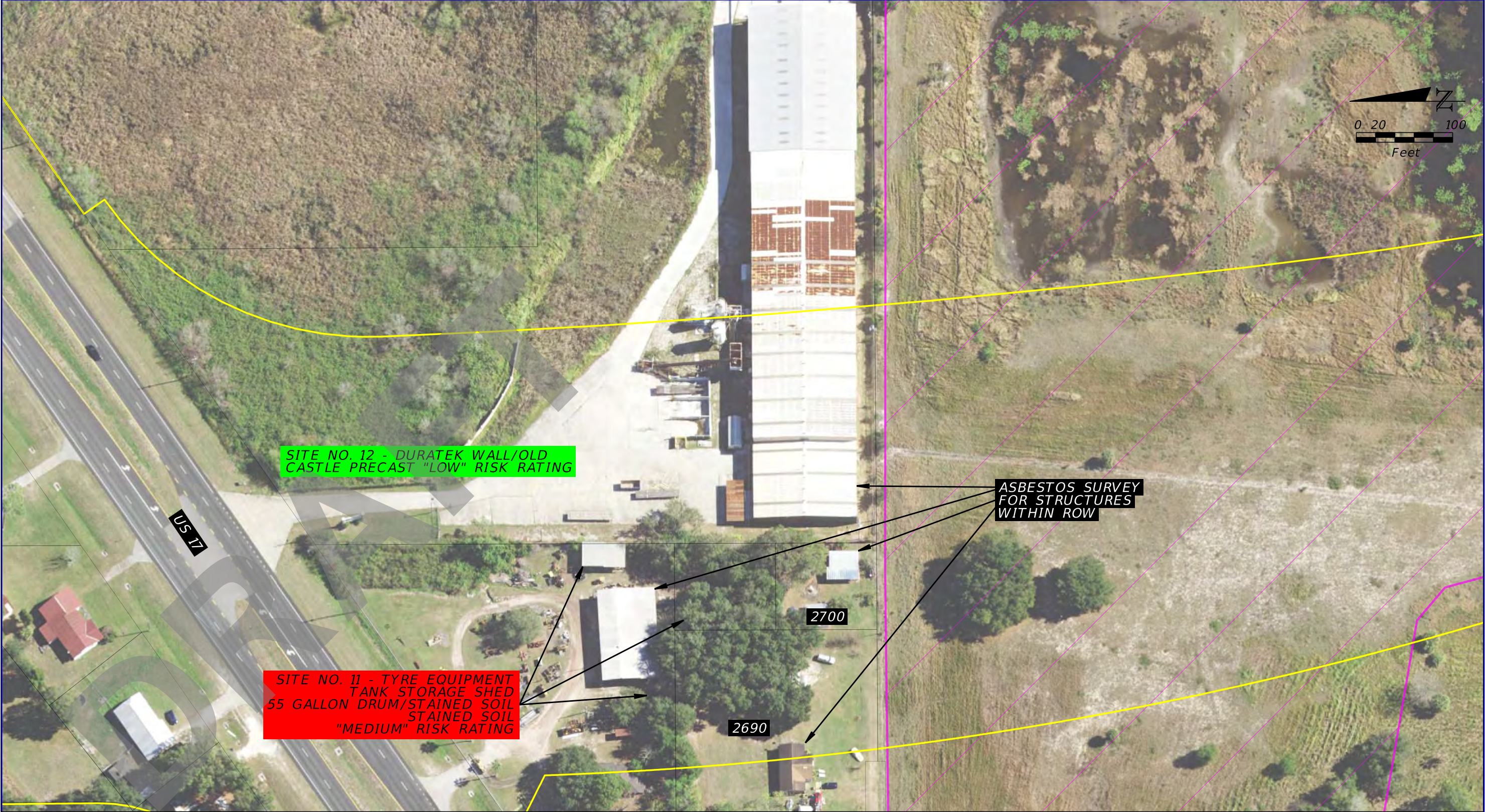
- SITES 5, 10 AND 21 - FORMER GROVES

SITES 2 AND 18 - EDB GROUNDWATER CONTAMINATION ZONE
- RIGHT OF WAY

GREEN = NO/LOW RISK SITES

RED = HIGH/MEDIUM RISK SITES
- | REVISIONS |             |      |                                      | TIERRA, INC.<br>7351 TEMPLE TERRACE HIGHWAY<br>TAMPA, FLORIDA 33637 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |        |                      | CENTRAL POLK PARKWAY<br>FROM US 17 TO SR 60 | SHEET<br>NO.<br><br>A-2 |
|-----------|-------------|------|--------------------------------------|---|--|--------|----------------------|---|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION                          |   | ROAD NO.   | COUNTY | FINANCIAL PROJECT ID |   |                         |
|           |             |      | TIERRA PROJECT NO.: 6511-17-181-002E |   |  | POLK   | 440897-4-22-01       |   |                         |
- bgarcia 11/19/2020 3:00:23 PM J:\6511\2017 Files\6511-17-181 CPP-1\002\_PD&E Extension -4\Microstation\rdgeoEnv\





SITE NO. 12 - DURATEK WALL/OLD  
CASTLE PRECAST "LOW" RISK RATING

SITE NO. 11 - TYRE EQUIPMENT  
TANK STORAGE SHED  
55 GALLON DRUM/STAINED SOIL  
STAINED SOIL  
"MEDIUM" RISK RATING

ASBESTOS SURVEY  
FOR STRUCTURES  
WITHIN ROW

2700

2690

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

POTENTIAL CONTAMINATION SITES



SITE 10 - FORMER GROVES



RIGHT OF WAY



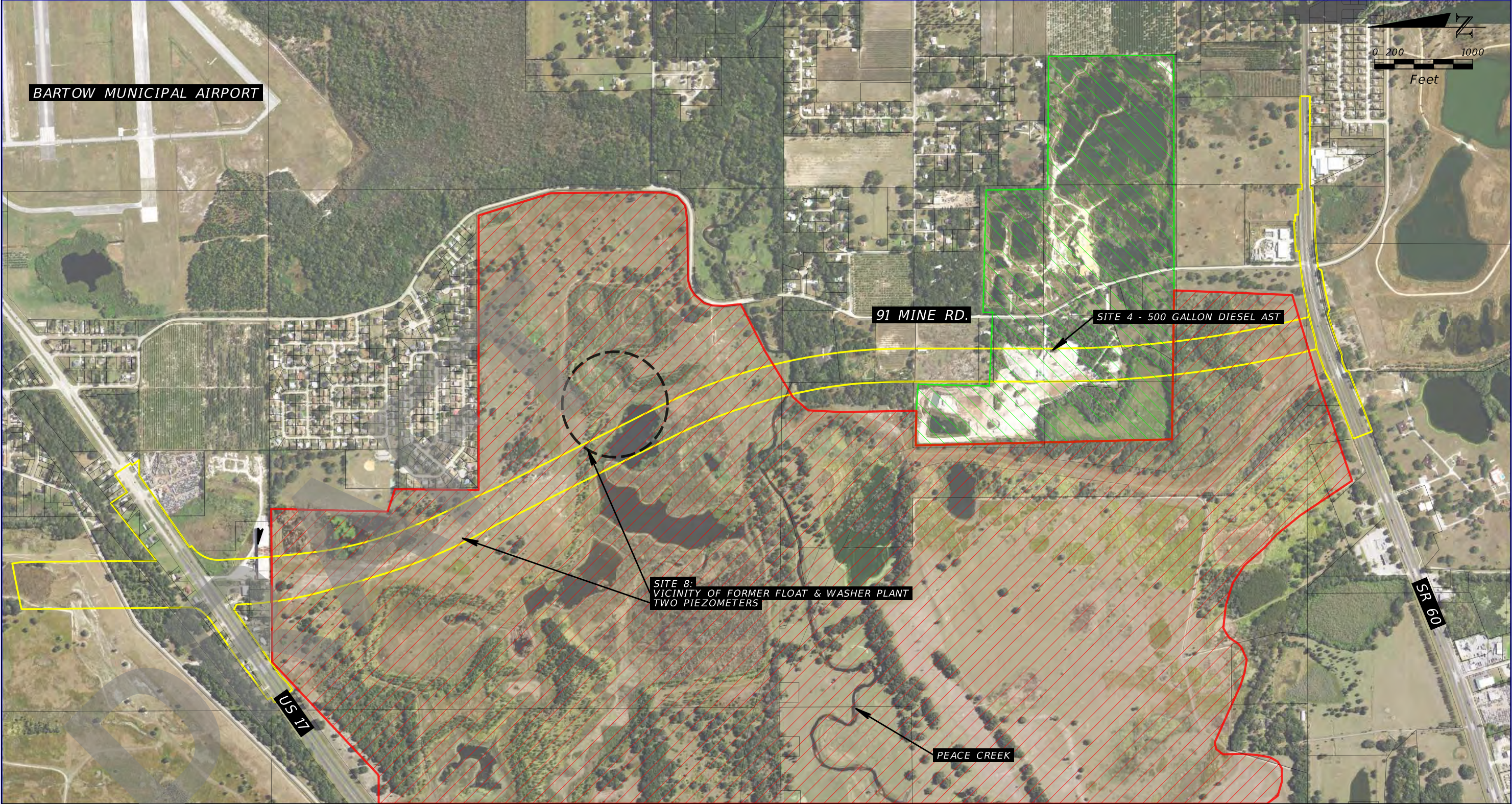
GREEN = NO/LOW RISK SITES



RED = HIGH/MEDIUM RISK SITES

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  A-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





POTENTIAL CONTAMINATION SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

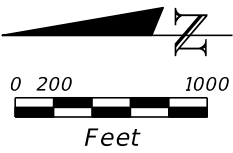
- RIGHT OF WAY
- SITE NO. 4 - EARTH MATERIALS TICE MINE  
MEDIUM RISK RATING
- SITE NO. 8 - CLEAR SPRINGS MINE  
HIGH RISK RATING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  A-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		

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**CSER APPENDIX B**  
Historical Aerial Photographs



1941 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		



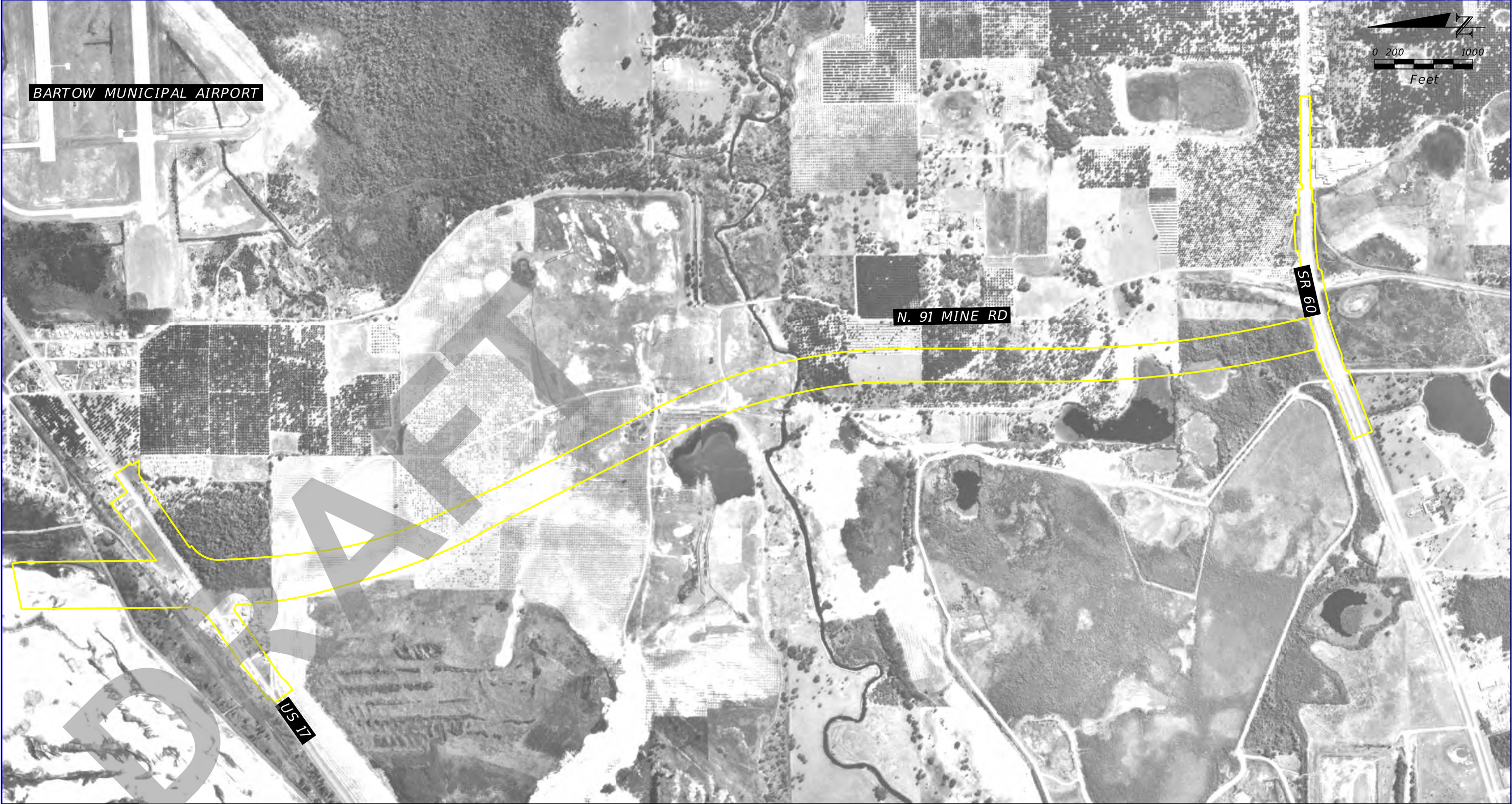


1958 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  B-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		



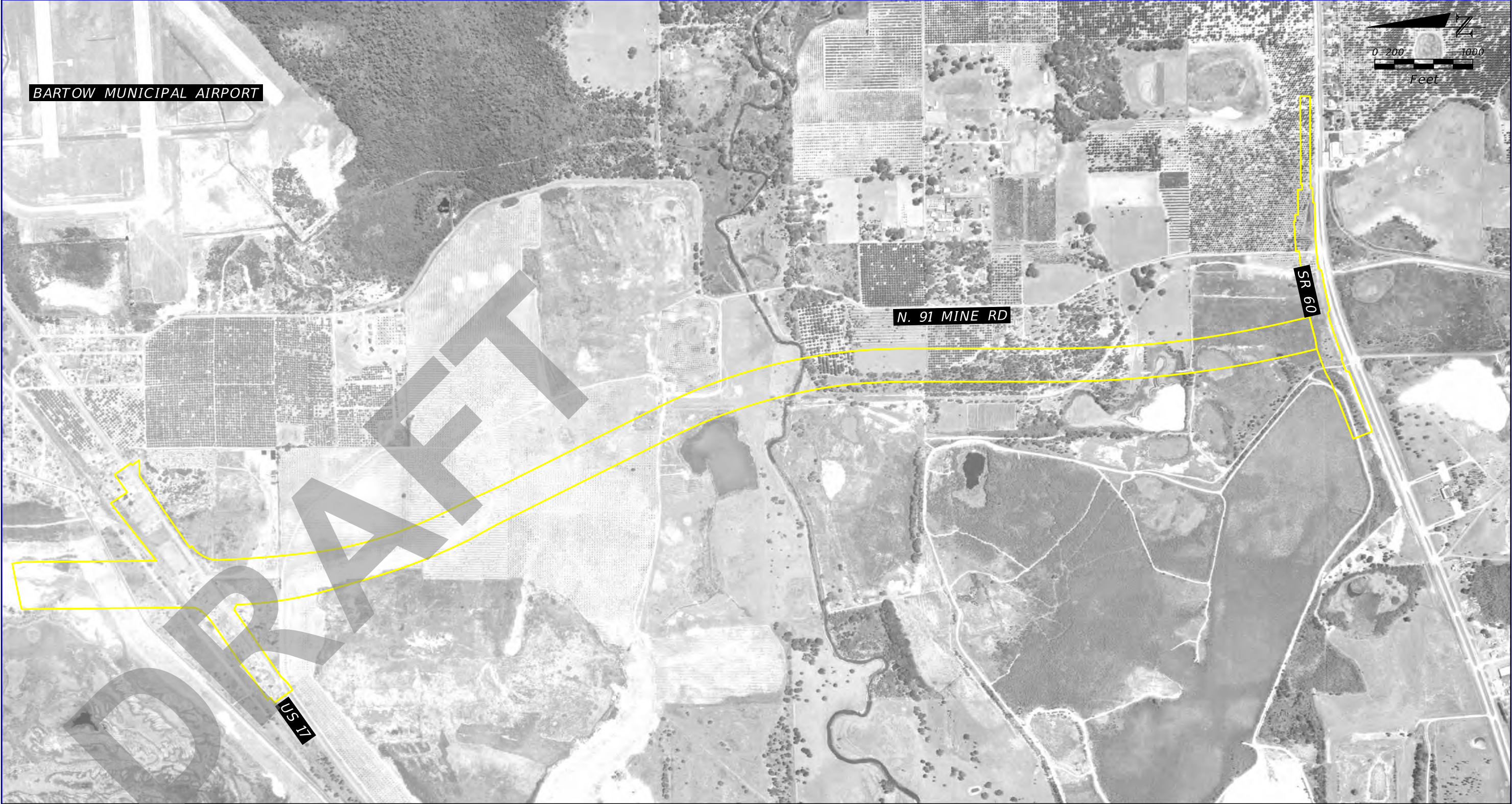


1968 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  B-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





1971 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  B-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





1980 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  B-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





1993 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  B-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





2017 HISTORICAL AERIAL PHOTOGRAPH

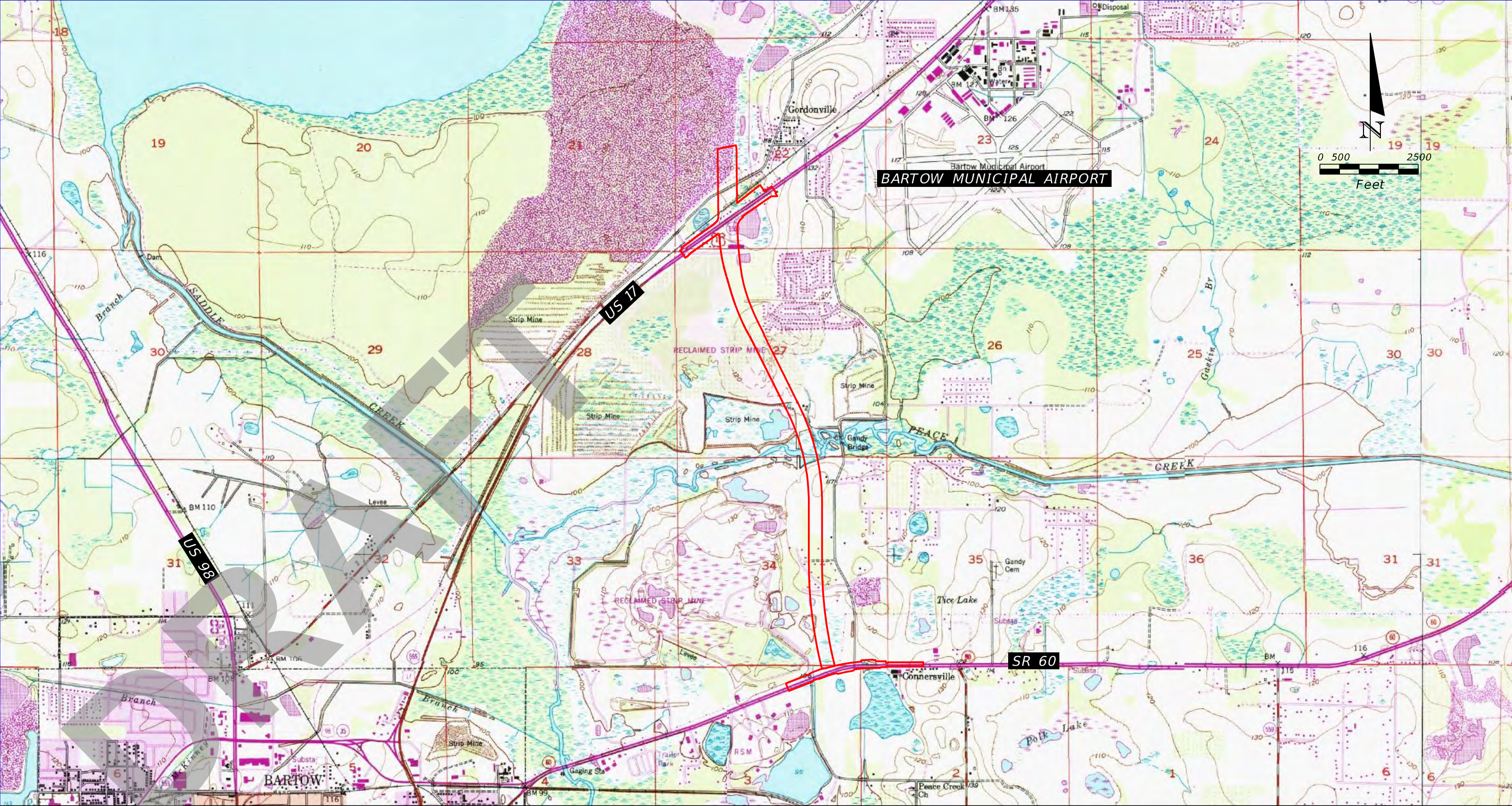
SOURCE: FDOT SURVEY AND MAPPING

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		



**CSER APPENDIX C**  
USGS Topographic Map



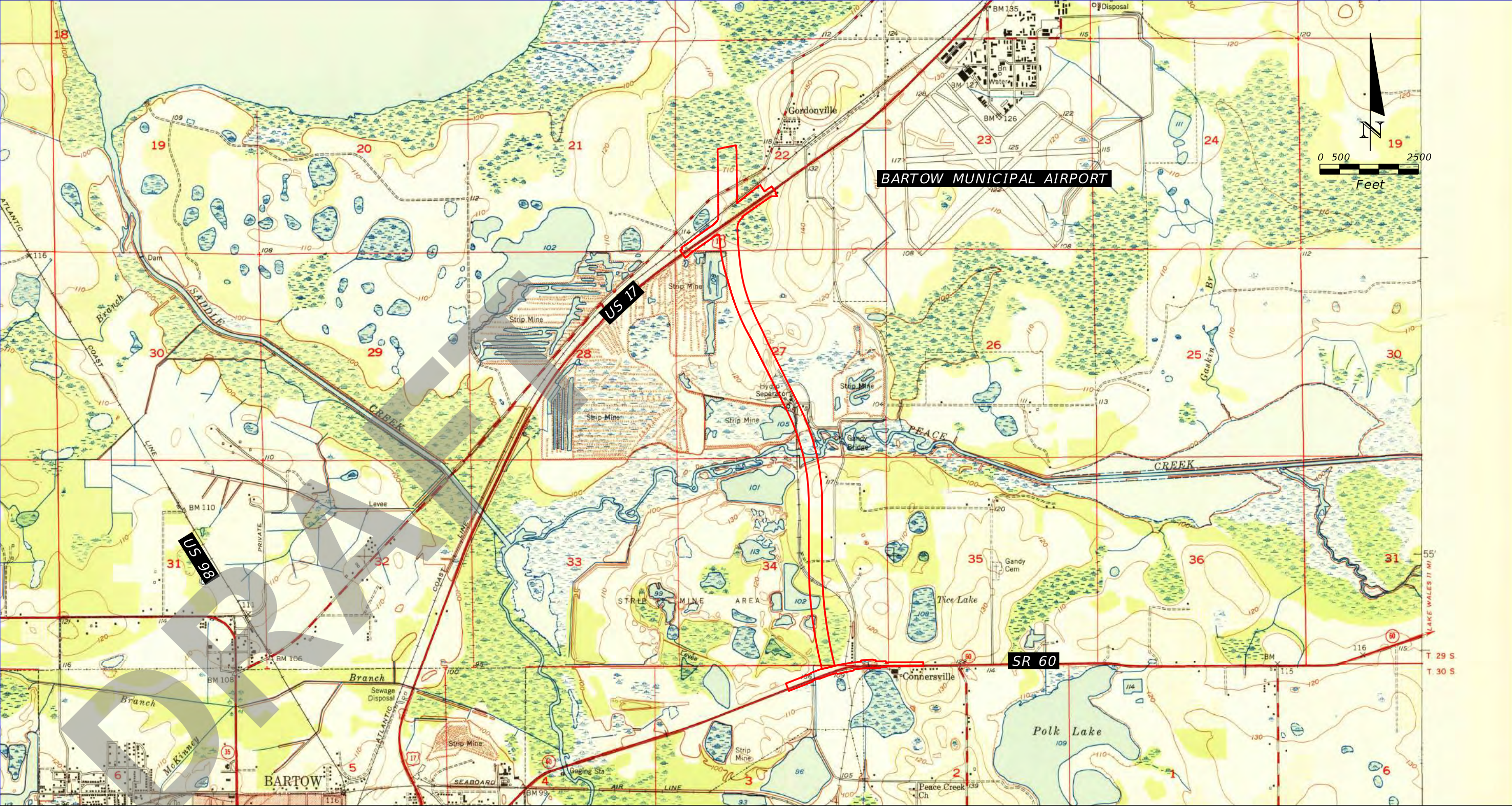


USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "BARTOW, FLORIDA" DATED 1949, (PHOTOREVISED 1987)

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  C-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		





USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "BARTOW, FLORIDA" DATED 1950

REVISIONS				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CENTRAL POLK PARKWAY FROM US 17 TO SR 60	SHEET NO.  C-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-17-181-002E			POLK	440897-4-22-01		



**CSER APPENDIX D**  
Environmental Database Report

# Environmental Data Report

## Custom Radius Research

CPP-1 PD&E EXTENSION

Polk County, Florida

### Prepared For:

Tierra Inc  
7351 Temple Terrace Hwy  
Tampa, FL 33637

### Prepared By:



Environmental Data Management, Inc.  
2840 West Bay Drive, Suite 208  
Largo, Florida 33770

September 23, 2019



September 23, 2019

Chris Garth  
Tierra Inc  
7351 Temple Terrace Hwy  
Tampa, FL 33637

Subject: **Custom Radius Research - EDM Project #24924**

Dear Mr. Garth

Thank you for choosing Environmental Data Management, Inc. The following report provides the results of our environmental data research that you requested for the following location:

**CPP-1 PD&E EXTENSION**

**Polk County, Florida**

The following is a summary of the components contained within this report:

- **Executive Summary** – lists the databases that were searched for this report, the search distance criteria and the number of sites identified for each database.
- **Map of Study Area** – street map showing the location of the Subject Property and any regulatory listed sites identified within the search criteria.
- **Site Summary Table** – displays the Map ID number, Permit or Registration number, Name/Address and the Government Database(s) for the identified regulatory listed sites.
- **Detail Reports** – data detail for each database record identified.
- **Proximal Records Table** – a listing of potentially relevant sites identified just beyond the search criteria.
- **Non-Mapped Records Table** – lists those government records that do not contain sufficient address information to plot within our GIS system, but may still exist within your study area.
- **Addl Maps (where applicable)** – includes Recent Aerial Photo, USGS Topographic maps, FEMA Floodplain & NWI Wetland Map, map of statewide American Indian Lands and our Environmental Impact Areas map, showing the location of suspect sites such as NPL/STNPL, Brownfields, FUDS, etc.... Our Florida well data report is also include with the Standard and Comprehensive formats.
- **Agency List Descriptions** – defines the regulatory databases included in this report along with the dates that each database was last updated by the respective agency and EDM.

At EDM we take great pride in our work, and continually strive to provide you with the most accurate and thorough research service available. This report is only intended as a means to assist in identifying locations that may pose an environmental concern relative to the property under evaluation. Its use is not intended to replace the need for a complete environmental assessment or regulatory file review, but rather as a supplement to the overall evaluation.

Thank you again for selecting EDM as your data research provider. Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

**ENVIRONMENTAL DATA MANAGEMENT, INC.**

## Executive Summary

Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa FL 33637 Client Job No: 6511-17-181-002E Client P.O. No:	Custom Radius Research CPP-1 PD&E EXTENSION  Polk County, Florida EDM Job No# 24924

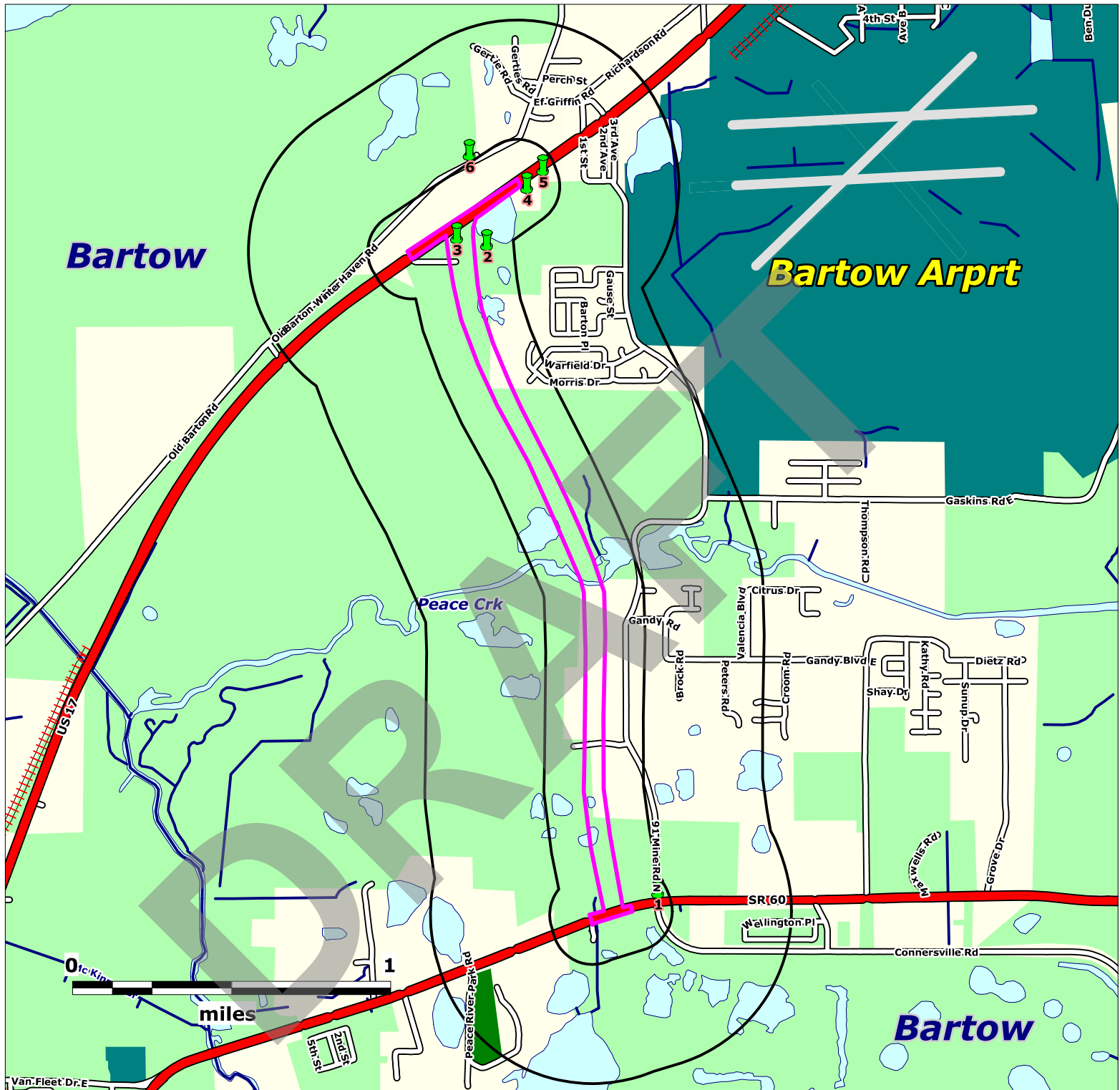
The following table displays the databases that were included in the research provided, the respective search distance for each database and the number of records identified for each database. The distance values indicated are measured from the centroid of the Subject Property. The absence of records in this table and the Site Summary Tables indicates that our research found no data for other sites located within the specified search distances.

	# Found
<b>EPA DATABASES</b>	
National Priorities List(NPL)	0
Superfund Enterprise Management System Active Site Inventory List(SEMSACTV)	0
Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)	0
Superfund Enterprise Management System Archived Site Inventory List(SEMSARCH)	0
Archived Cerclis Sites(NFRAP)	0
Emergency Response Notification System List(ERNS)	0
RCRIS Handlers with Corrective Action(CORRACTS)	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	0
RCRA-LQG,SQG,CESQG and Transporters(NONTSD)	1
Tribal Tanks List(TRIBLTANKS)	0
Tribal Lust List(TRIBLLUST)	0
Brownfields Management System(USBRWNFLDS)	0
Institutional and/or Engineering Controls(USINSTENG)	0
NPL Liens List(NPLLIENS)	0
Enforcement and Compliance History(ECHO)	7
<b>FDEP DATABASES</b>	
State NPL Equivalent(STNPL)	0
State CERCLIS/SEMS Equivalent(STCERC)	0
Solid Waste Facilities List(SLDWST)	0
Leaking Underground Storage Tanks List(LUST)	1
Underground/Aboveground Storage Tanks(TANKS)	2
State Designated Brownfields(BRWNFLDS)	0
Voluntary Cleanup List(VOLCLNUP)	0
Institutional and/or Engineering Controls(INSTENG)	0
Dry Cleaners List(DRY)	0

### \*\*\* Disclaimer \*\*\*

Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Additionally, limitations exist in mapping data detail and accuracy. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used in conjunction with other relevant information to direct your attention at potential problem areas; which should be followed up by site inspections, interviews with relevant personnel and regulatory file review. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. The EDM Service Request Form contains more detailed language with regard to such limitations, the terms of which the reader must accept in their entirety before utilizing this report. If the signed contract is not available to the reader, EDM will gladly furnish a copy upon request. Requests via email authorization are construed to be in accordance with these terms.





Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate


## Subject Property

CPP-1 PD&E EXTENSION  
Polk County, Florida

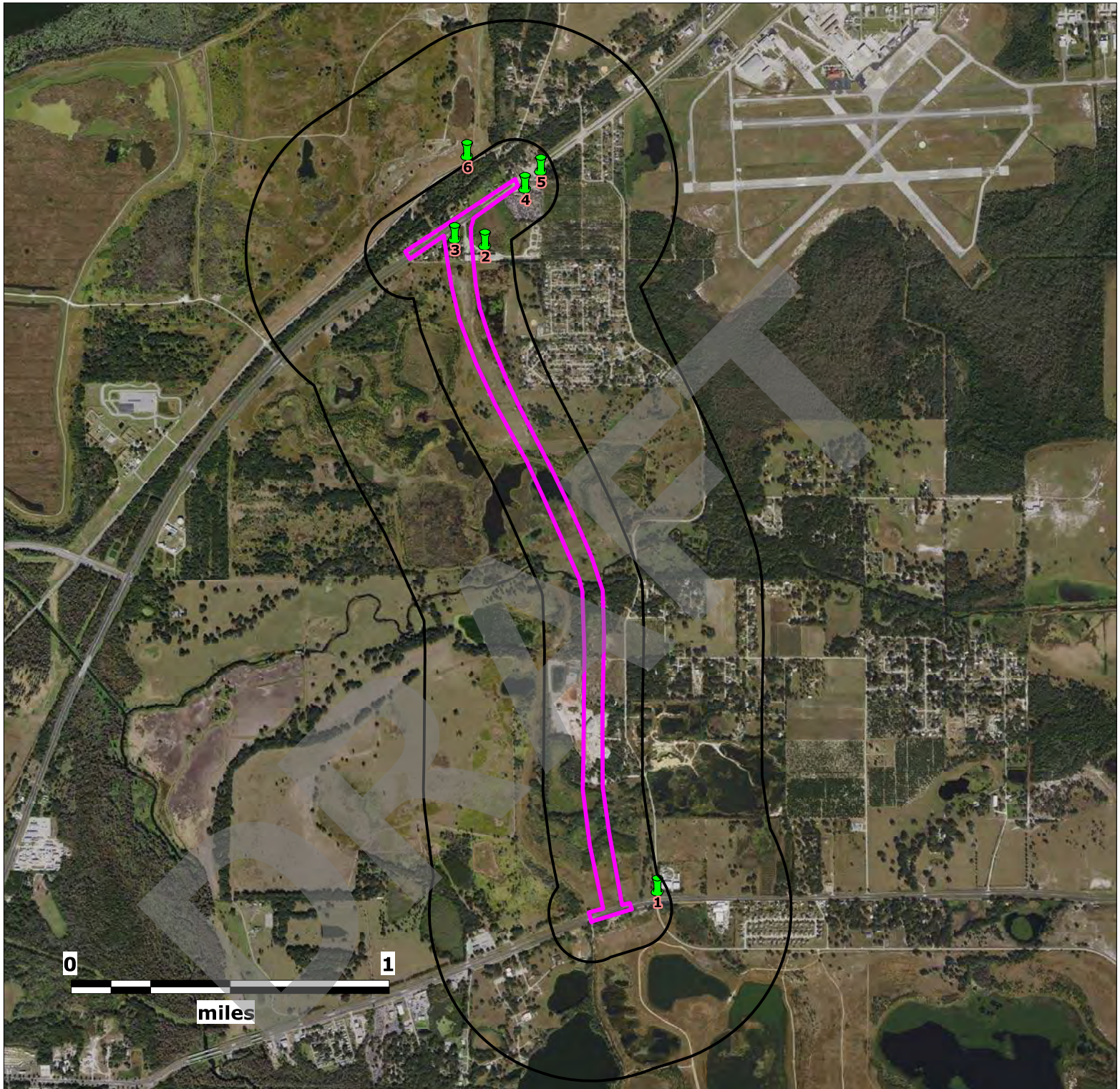
EDM Job No: 24924  
September 23, 2019

Approximate Site Boundary

 NPL, STNPL, CERCLIS, SEMSACTV,  
SEMSARCH and SLDWST sites - 1/2 Mile

 NPILLIENS, CORRACTS, TSD, NFRAP,  
STCERC, LUST, BRWNFLDS, VOLCLNUP,  
DRY, ERNS, NONTSD, ECHO, TANKS,  
& INSTENG sites - 1/8 Mile





Source: USDA National Agriculture Imagery Program (NAIP)

Map Scale and Property Boundaries are Approximate

## Subject Property

CPP-1 PD&E EXTENSION  
Polk County, Florida

EDM Job No: 24924  
September 23, 2019

Approximate Site Boundary

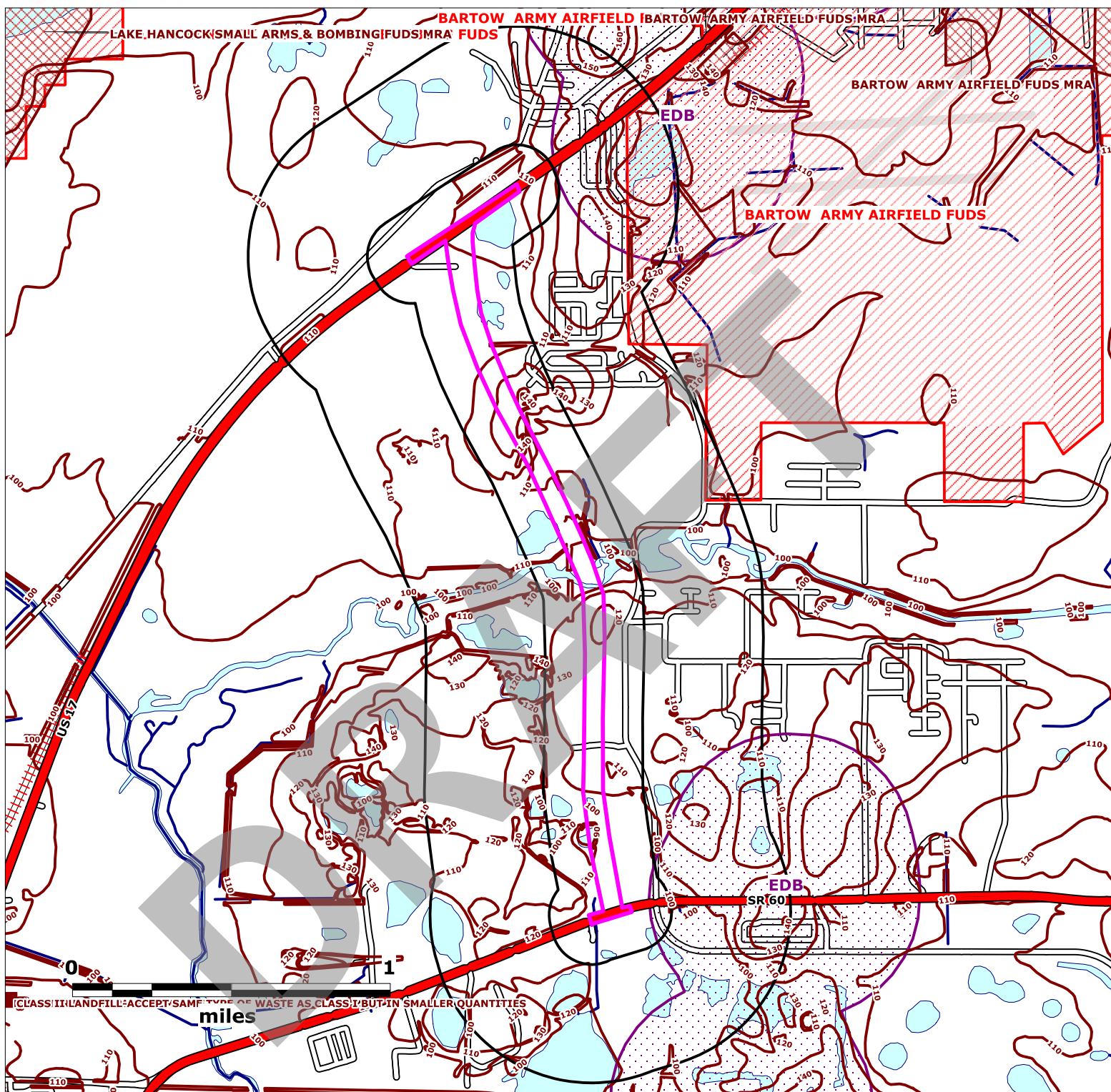


NPL, STNPL, CERCLIS, SEMSACTV,  
SEMSARCH and SLDWST sites - 1/2 Mile



NPLLIENS, CORRACTS, TSD, NFRAP,  
STCERC, LUST, BRWNFLDS, VOLCLNUP,  
DRY, ERNS, NONTSD, ECHO, TANKS,  
& INSTENG sites - 1/8 Mile





Source: FDEP and USEPA Geodata

*Map Scale and Property Boundaries are Approximate*

### Subject Property

CPP-1 PD&E EXTENSION  
Polk County, Florida

EDM Job No: 24924  
September 23, 2019



FDEP  
Brownfield Areas



FDEP  
Brownfield Sites

USEPA NPL &  
FDEP STNPL SitesFDEP Delineated  
GW Contamination

Formerly Used  
Defense Sites  
EJDS



## FUDS Munitions Response Areas



FDEP Cattle  
Dipping Vat



FDEP Solid  
Waste Sites

Approximate Site Boundary

# ENVIRONMENTAL DATA MANAGEMENT

## Custom Radius Research Site Summary Table

Report Date: 9/23/2019

Page 1 of 1

MapID & Pgm List	Fac ID No	Site Dist(Mi) & Direction	Site Name	Site Address
<b>1</b>				
ECHO	110043168746	0.09 1	NORTHEAST BARTOW REGIONAL FORC	UNKNOWN BARTOW, FL 33830
<b>2</b>				
ECHO	110020553220	0.04 1	DURATEK WALL CORPORATION	3390 U.S. HIGHWAY 17 NORTH BARTOW, FL 33830
ECHO	110039629970	0.04 1	OLDCASTLE PRECAST INC	3390 HWY 17 N BARTOW, FL 33830
ECHO	110041943868	0.04 1	DURATEK WALL SYSTEMS - BUILDIN	UNKNOWN BARTOW, FL 33830
<b>3</b>				
TANKS	8838653	0.03 1	TYRE EQUIPMENT	HWY 17 N BARTOW, FL 33830
<b>4</b>				
ECHO	110043769099	0.04 1	BARTOW AUTO SALVAGE	3450 US HIGHWAY 17 N BARTOW, FL 33830
ECHO	110044886004	0.04 1	SCRAP IT III LLC	3450 US HIGHWAY 17 N BARTOW, FL 33830
NONTSD	FLR000177469	0.04 1	BARTOW AUTO SALVAGE	3450 US HIGHWAY 17 N BARTOW, FL 338309235
<b>5</b>				
LUST	8623579	0.08 1	CHRISTINAS MARKET-MATTIES GROCERY	3470 HWY 17 N BARTOW, FL 33830
TANKS	8623579	0.08 1	CHRISTINAS MARKET-MATTIES GROCERY	3470 HWY 17 N BARTOW, FL 33830
<b>6</b>				
ECHO	110059798759	0.12 1	LAKE HANCOCK	3217 OLD BARTOW EAGLE LAKE RD BARTOW, FL 33830



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 1 of 2

## FRS ID NUMBER, NAME AND LOCATION:

110043168746  
NORTHEAST BARTOW REGIONAL FORC  
UNKNOWN  
BARTOW, FL 33830

EPA REG: 04  
TRIBAL?: N  
FED FAC?:  
COUNTY: POLK  
AGENCY LAT/LON: 27.909167/ -81.794444

## MAP ID NUMBER:

Dist (Miles): 0.09  
Direction:

1

ECHO

ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:

AFS ID?: N  
NPDES ID?: Y  
SDWISID?: N  
RCRAInfo ID?: N  
TRIS ID?: N  
GHG ID?: N  
FAC SIC CODES:  
FAC NAICS CODES:  
TRIS REPORTER?:  
FIPS CODE: FL105  
HUC CODE: 03100101  
AIR NAA?  
WBD CODE: 031001010306  
CONG DIST: 15  
CENSUS BLK: 12105015301200  
MAJ FAC?:  
ACTV PERM?:  
% MINORITY WITHIN 3 MI: 53.413  
POP /SQ MI WITHIN 3 MI: 412.86  
TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 0  
LAST INSP:  
DAYS LAST INSP:  
# INFORMAL ENF ACTS LAST 5 YRS : 0  
LAST INFORMAL ENF ACT :  
# FORMAL ENF ACTS LAST 5 YRS : 0  
LAST FORMAL ENF ACT :  
# PENALTIES ASSESSED LAST 5 YRS : 0  
TOTAL PENALTIES ASSESSED : 0  
LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0  
PGMS IN NONCOMPL: 0  
CURR COMPL: No Violation  
CURR IN SNC?: N  
3YR QRTLY COMPL STATUS:

LAST EPA INSP:  
LAST STATE INSP:  
LAST FORMAL EPA ENF:  
LAST FORMAL STATE ENF:  
LAST INFORMAL EPA ENF:  
LAST INFORMAL STATE ENF:  
FAC FED AGENCY:  
FAC IMP WATERS DISCHARGER: Y

## CLEAN AIR ACT INFO:

ICIS AIR ID:  
CAA PERMIT TYPE:  
NAICS CODE:  
SIC CODE:  
CAA INSPS IN LAST 5 YRS:  
CAA DAYS LAST INSPN:  
# CAA INFORMAL ENF ACTS LAST 5 YRS:  
# CAA FORMAL ENF ACTS LAST 5 YRS:  
CAA DATE LAST FORMAL ACTION:

CAA TOTAL PENALTIES:  
CAA LAST PENALTY DATE:  
CAA LAST PENALTY AMT:  
CAA QTRS NONCMPL LAST 5 YRS:

CAA CURR COMPL:  
CAA CURR HPV/SNC FLAG: N  
CAA 3YR QRTLY COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID: FLR10JY92  
CWA PERMIT TYPE: Minor  
NAICS CODE:  
SIC CODE:  
CWA INSPS IN LAST 5 YRS:  
CWA DAYS LAST INSPN:  
# CWA INFORMAL ENF ACTS LAST 5 YRS:  
# CWA FORMAL ENF ACTS LAST 5 YRS:  
CWA DATE LAST FORMAL ACTION:

CWA TOTAL PENALTIES:  
CWA LAST PENALTY DATE:  
CWA LAST PENALTY AMT:  
CWA QTRS NONCMPL LAST 5 YRS: 0

CWA CURR COMPL: No Violation  
CWA CURR HPV/SNC FLAG: N  
CWA 3YR QRTLY COMPL STATUS:  
CWA 3YR QRTS EFFL EXCEED:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 2 of 2

## RCRIS INFO:

RCRA ID:

RCRA PERMIT TYPE:

NAICS CODE:

RCRA INSPS IN LAST 5 YRS:

RCRA DAYS LAST EVAL:

# RCRA INFORMAL ENF ACTS LAST 5 YRS:

# RCRA FORMAL ENF ACTS LAST 5 YRS:

RCRA DATE LAST FORMAL ACTION:

RCRA TOTAL PENALTIES:

RCRA LAST PENALTY DATE:

RCRA LAST PENALTY AMT:

RCRA QTRS NONCMPL LAST 5 YRS:

RCRA CURR COMPL:

RCRA CURR HPV/SNC FLAG: N

RCRA 3YR QRTLY COMPL STATU

## SDWA INFO:

SDWA ID:

SDWA SYST TYPE:

# SDWA INFORMAL ENF ACTS LAST 5 YRS:

# SDWA FORMAL ENF ACTS LAST 5 YRS:

SDWA CURR COMPL:

SDWA CURR HPV/SNC FLAG: N

## TRIS INFO:

TRIS ID:

TRIS TOTAL LBS ONSITE/OFFSITE:

TRIS LBS REL ONSITE:

TRIS LBS TXFR OFFSITE:

TRIS PAST RPTS?:

## FED ENF INFO:

TOTAL FEC CASES 5 YRS:

FEC LAST DATE:

FEC TOTAL PENLTY:

## GRN HOUSE GAS INFO:

GHG ID:

GHG EMISSIONS MT: N



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 1 of 5

## FRS ID NUMBER, NAME AND LOCATION:

110020553220  
DURATEK WALL CORPORATION  
3390 U.S. HIGHWAY 17 NORTH  
BARTOW, FL 33830

EPA REG: 04  
TRIBAL?: N  
FED FAC?:  
COUNTY: POLK  
AGENCY LAT/LON: 27.942813/ -81.800143

## MAP ID NUMBER:

Dist (Miles): 0.04  
Direction:

2

ECHO

ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:

AFS ID?: N  
NPDES ID?: Y  
SDWISID?: N  
RCRAInfo ID?: N  
TRIS ID?: N  
GHG ID?: N  
FAC SIC CODES:  
FAC NAICS CODES:  
TRIS REPORTER?:  
FIPS CODE: 12105  
HUC CODE: 03100101  
AIR NAA?  
WBD CODE: 031001010205  
CONG DIST: 15  
CENSUS BLK: 12105015301100  
MAJ FAC?:  
ACTV PERM?:  
% MINORITY WITHIN 3 MI: 45.739  
POP /SQ MI WITHIN 3 MI: 339.04  
TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 0  
LAST INSP:  
DAYS LAST INSP:  
# INFORMAL ENF ACTS LAST 5 YRS : 0  
LAST INFORMAL ENF ACT :  
# FORMAL ENF ACTS LAST 5 YRS : 0  
LAST FORMAL ENF ACT :  
# PENALTIES ASSESSED LAST 5 YRS : 0  
TOTAL PENALTIES ASSESSED : 0  
LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0  
PGMS IN NONCOMPL: 0  
CURR COMPL: No Violation  
CURR IN SNC?: N  
3YR QRTLY COMPL STATUS:

LAST EPA INSP:  
LAST STATE INSP:  
LAST FORMAL EPA ENF:  
LAST FORMAL STATE ENF:  
LAST INFORMAL EPA ENF:  
LAST INFORMAL STATE ENF:  
FAC FED AGENCY:  
FAC IMP WATERS DISCHARGER: Y

## CLEAN AIR ACT INFO:

ICIS AIR ID:  
CAA PERMIT TYPE:  
NAICS CODE:  
SIC CODE:  
CAA INSPS IN LAST 5 YRS:  
CAA DAYS LAST INSPN:  
# CAA INFORMAL ENF ACTS LAST 5 YRS:  
# CAA FORMAL ENF ACTS LAST 5 YRS:  
CAA DATE LAST FORMAL ACTION:

CAA TOTAL PENALTIES:  
CAA LAST PENALTY DATE:  
CAA LAST PENALTY AMT:  
CAA QTRS NONCMPL LAST 5 YRS:

CAA CURR COMPL:  
CAA CURR HPV/SNC FLAG: N  
CAA 3YR QRTLY COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID: FLR10R100  
CWA PERMIT TYPE: Minor  
NAICS CODE:  
SIC CODE:  
CWA INSPS IN LAST 5 YRS:  
CWA DAYS LAST INSPN:  
# CWA INFORMAL ENF ACTS LAST 5 YRS:  
# CWA FORMAL ENF ACTS LAST 5 YRS:  
CWA DATE LAST FORMAL ACTION:

CWA TOTAL PENALTIES:  
CWA LAST PENALTY DATE:  
CWA LAST PENALTY AMT:  
CWA QTRS NONCMPL LAST 5 YRS: 0

CWA CURR COMPL: No Violation  
CWA CURR HPV/SNC FLAG: N  
CWA 3YR QRTLY COMPL STATUS:  
CWA 3YR QRTS EFFL EXCEED:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 2 of 5

## RCRIS INFO:

RCRA ID:

RCRA PERMIT TYPE:

NAICS CODE:

RCRA INSPS IN LAST 5 YRS:

RCRA DAYS LAST EVAL:

# RCRA INFORMAL ENF ACTS LAST 5 YRS:

# RCRA FORMAL ENF ACTS LAST 5 YRS:

RCRA DATE LAST FORMAL ACTION:

RCRA TOTAL PENALTIES:

RCRA LAST PENALTY DATE:

RCRA LAST PENALTY AMT:

RCRA QTRS NONCMPL LAST 5 YRS:

RCRA CURR COMPL:

RCRA CURR HPV/SNC FLAG: N

RCRA 3YR QRTLQ COMPL STATU

## SDWA INFO:

SDWA ID:

SDWA SYST TYPE:

# SDWA INFORMAL ENF ACTS LAST 5 YRS:

# SDWA FORMAL ENF ACTS LAST 5 YRS:

SDWA CURR COMPL:

SDWA CURR HPV/SNC FLAG: N

## TRIS INFO:

TRIS ID:

TRIS TOTAL LBS ONSITE/OFFSITE:

TRIS LBS REL ONSITE:

TRIS LBS TXFR OFFSITE:

TRIS PAST RPTS?:

## FED ENF INFO:

TOTAL FEC CASES 5 YRS:

FEC LAST DATE:

FEC TOTAL PENLTY:

## GRN HOUSE GAS INFO:

GHG ID:

GHG EMISSIONS MT: N

## FRS ID NUMBER, NAME AND LOCATION:

110039629970

OLDCASTLE PRECAST INC

3390 HWY 17 N

BARTOW, FL 33830

EPA REG: 04

TRIBAL?: N

FED FAC?:

COUNTY: POLK

AGENCY LAT/LON: 27.938889/ -81.803056

## MAP ID NUMBER:

Dist (Miles): 0.04

Direction:

2

ECHO

## ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:

AFS ID?: Y

NPDES ID?: Y

SDWISID?: N

RCRAInfo ID?: N

TRIS ID?: N

GHG ID?: N

FAC SIC CODES: 3272

FAC NAICS CODES: 327390

TRIS REPORTER?:

FIPS CODE: 12105

HUC CODE: 03100101

AIR NAA?

WBD CODE:

CONG DIST: 15

CENSUS BLK: 12105015301100

MAJ FAC?:

ACTV PERM?: Y

% MINORITY WITHIN 3 MI: 48.906

POP /SQ MI WITHIN 3 MI: 304.43

TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 0

LAST INSP: 8/16/2011

DAYS LAST INSP:

# INFORMAL ENF ACTS LAST 5 YRS : 0

LAST INFORMAL ENF ACT :

# FORMAL ENF ACTS LAST 5 YRS : 0

LAST FORMAL ENF ACT :

# PENALTIES ASSESSED LAST 5 YRS : 0

TOTAL PENALTIES ASSESSED : 0

LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0

PGMS IN NONCOMPL: 0

CURR COMPL: No Violation

CURR IN SNC?: N

3YR QRTLQ COMPL STATUS:

## CLEAN AIR ACT INFO:

ICIS AIR ID: FL0000001210500345

CAA TOTAL PENALTIES:

CAA CURR COMPL: Not Available



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 3 of 5

CAA PERMIT TYPE: Minor Emissions

NAICS CODE: 327390

SIC CODE: 3272

CAA INSPS IN LAST 5 YRS:

CAA DAYS LAST INSPN:

# CAA INFORMAL ENF ACTS LAST 5 YRS:

# CAA FORMAL ENF ACTS LAST 5 YRS:

CAA DATE LAST FORMAL ACTION:

CAA LAST PENALTY DATE:

CAA LAST PENALTY AMT:

CAA QTRS NONCMPL LAST 5 YRS: 0

CAA CURR HPV/SNC FLAG: N

CAA 3YR QRTL COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID: FLR05G946 FLR05H1

CWA PERMIT TYPE: Minor

NAICS CODE: 327390

SIC CODE: 3272

CWA INSPS IN LAST 5 YRS:

CWA DAYS LAST INSPN: 2336

# CWA INFORMAL ENF ACTS LAST 5 YRS:

# CWA FORMAL ENF ACTS LAST 5 YRS:

CWA DATE LAST FORMAL ACTION:

CWA TOTAL PENALTIES:

CWA LAST PENALTY DATE:

CWA LAST PENALTY AMT:

CWA QTRS NONCMPL LAST 5 YRS: 0

CWA CURR COMPL: No Violation

CWA CURR HPV/SNC FLAG: N

CWA 3YR QRTL COMPL STATUS:

CWA 3YR QRTS EFFL EXCEED:

## RCRIS INFO:

RCRA ID:

RCRA PERMIT TYPE:

NAICS CODE:

RCRA INSPS IN LAST 5 YRS:

RCRA DAYS LAST EVAL:

# RCRA INFORMAL ENF ACTS LAST 5 YRS:

# RCRA FORMAL ENF ACTS LAST 5 YRS:

RCRA DATE LAST FORMAL ACTION:

RCRA TOTAL PENALTIES:

RCRA LAST PENALTY DATE:

RCRA LAST PENALTY AMT:

RCRA QTRS NONCMPL LAST 5 YRS:

RCRA CURR COMPL:

RCRA CURR HPV/SNC FLAG: N

RCRA 3YR QRTL COMPL STATU

## SDWA INFO:

SDWA ID:

SDWA SYST TYPE:

# SDWA INFORMAL ENF ACTS LAST 5 YRS:

# SDWA FORMAL ENF ACTS LAST 5 YRS:

SDWA CURR COMPL:

SDWA CURR HPV/SNC FLAG: N

## TRIS INFO:

TRIS ID:

TRIS TOTAL LBS ONSITE/OFFSITE:

TRIS LBS REL ONSITE:

TRIS LBS TXFR OFFSITE:

TRIS PAST RPTS?:

## FED ENF INFO:

TOTAL FEC CASES 5 YRS:

FEC LAST DATE:

FEC TOTAL PENLTY:

## GRN HOUSE GAS INFO:

GHG ID:

GHG EMISSIONS MT: N

## FRS ID NUMBER, NAME AND LOCATION:

110041943868

DURATEK WALL SYSTEMS - BUILDIN

UNKNOWN

BARTOW, FL 33830

EPA REG: 04

TRIBAL?: N

FED FAC?:

COUNTY: POLK

AGENCY LAT/LON: 27.937667/ -81.802722

## MAP ID NUMBER:

Dist (Miles): 0.04

Direction:

2

E  
C  
H  
O

ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 4 of 5

AFS ID?: N  
NPDES ID?: Y  
SDWISID?: N  
RCRAInfo ID?: N  
TRIS ID?: N  
GHG ID?: N  
FAC SIC CODES: 5039  
FAC NAICS CODES: 423310  
TRIS REPORTER?:  
FIPS CODE: FL105  
HUC CODE: 03100101  
AIR NAA?  
WBD CODE: 031001010205  
CONG DIST: 15  
CENSUS BLK: 12105015301100  
MAJ FAC?:  
ACTV PERM?:  
% MINORITY WITHIN 3 MI: 49.183  
POP /SQ MI WITHIN 3 MI: 302.59  
TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 0  
LAST INSP:  
DAYS LAST INSP:  
# INFORMAL ENF ACTS LAST 5 YRS : 0  
LAST INFORMAL ENF ACT :  
# FORMAL ENF ACTS LAST 5 YRS : 0  
LAST FORMAL ENF ACT :  
# PENALTIES ASSESSED LAST 5 YRS : 0  
TOTAL PENALTIES ASSESSED : 0  
LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0  
PGMS IN NONCOMPL: 0  
CURR COMPL: No Violation  
CURR IN SNC?: N  
3YR QRTLY COMPL STATUS:  
\_\_UU\_\_

LAST EPA INSP:  
LAST STATE INSP:  
LAST FORMAL EPA ENF:  
LAST FORMAL STATE ENF:  
LAST INFORMAL EPA ENF:  
LAST INFORMAL STATE ENF:  
FAC FED AGENCY:  
FAC IMP WATERS DISCHARGER: Y

## CLEAN AIR ACT INFO:

ICIS AIR ID:  
CAA PERMIT TYPE:  
NAICS CODE:  
SIC CODE:  
CAA INSPS IN LAST 5 YRS:  
CAA DAYS LAST INSPN:  
# CAA INFORMAL ENF ACTS LAST 5 YRS:  
# CAA FORMAL ENF ACTS LAST 5 YRS:  
CAA DATE LAST FORMAL ACTION:

CAA TOTAL PENALTIES:  
CAA LAST PENALTY DATE:  
CAA LAST PENALTY AMT:  
CAA QTRS NONCMPL LAST 5 YRS:

CAA CURR COMPL:  
CAA CURR HPV/SNC FLAG: N  
CAA 3YR QRTLY COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID: FLR10JQ46  
CWA PERMIT TYPE: Minor  
NAICS CODE: 423310  
SIC CODE: 5039  
CWA INSPS IN LAST 5 YRS:  
CWA DAYS LAST INSPN:  
# CWA INFORMAL ENF ACTS LAST 5 YRS:  
# CWA FORMAL ENF ACTS LAST 5 YRS:  
CWA DATE LAST FORMAL ACTION:

CWA TOTAL PENALTIES:  
CWA LAST PENALTY DATE:  
CWA LAST PENALTY AMT:  
CWA QTRS NONCMPL LAST 5 YRS: 0

CWA CURR COMPL: No Violation  
CWA CURR HPV/SNC FLAG: N  
CWA 3YR QRTLY COMPL STATUS:  
\_\_UU\_\_  
CWA 3YR QRTS EFFL EXCEED:

## RCRIS INFO:

RCRA ID:  
RCRA PERMIT TYPE:  
NAICS CODE:  
RCRA INSPS IN LAST 5 YRS:  
RCRA DAYS LAST EVAL:  
# RCRA INFORMAL ENF ACTS LAST 5 YRS:  
# RCRA FORMAL ENF ACTS LAST 5 YRS:  
RCRA DATE LAST FORMAL ACTION:

RCRA TOTAL PENALTIES:  
RCRA LAST PENALTY DATE:  
RCRA LAST PENALTY AMT:  
RCRA QTRS NONCMPL LAST 5 YRS:

RCRA CURR COMPL:  
RCRA CURR HPV/SNC FLAG: N  
RCRA 3YR QRTLY COMPL STATU

## SDWA INFO:

## TRIS INFO:

## FED ENF INFO:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 5 of 5

SDWA ID:

SWDA SYST TYPE:

# SDWA INFORMAL ENF ACTS LAST 5 YRS:

# SDWA FORMAL ENF ACTS LAST 5 YRS:

SDWA CURR COMPL:

SDWA CURR HPV/SNC FLAG: N

GRN HOUSE GAS INFO:

GHG ID:

TRIS ID:

TRIS TOTAL LBS ONSITE/OFFSITE:

TRIS LBS REL ONSITE:

TRIS LBS TXFR OFFSITE:

TRIS PAST RPTS?:

TOTAL FEC CASES 5 YRS:

FEC LAST DATE:

FEC TOTAL PENLTY:

GHG EMISSIONS MT: N

DRAFT



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# FDEP STORAGE TANKS REPORT

## (TANKS)

Report Date: 9/23/2019

TANKS Page 1 of 1

### FACILITY ID NUMBER, NAME AND LOCATION

8838653  
TYRE EQUIPMENT  
HWY 17 N  
BARTOW, FL 33830

### OWNERSHIP INFORMATION

TYRE EQUIPMENT  
HWY 17 N  
BARTOW, FL 33830  
CONTACT TEL #: 8135333369  
CONTACT: D.H. TYRE  
COUNTY: 53 POLK  
AGCY LAT/LON: /

### MAP ID NUMBER:

Dist (Miles): 0.03  
Direction:

3

T  
A  
N  
K  
S

FACILITY TEL #: 8135333369

[FDEP INFORMATION PORTAL ON LINE DOCUMENTS](#) (May Not Be Available For All Records)

**FAC STATUS:** OPEN

**FAC TYPE:** Fuel user/Non-retail

**TANK #:** 1  
**TANK VOL(GALS):** 550

**INST.DATE:**  
**TANK CONTENTS:** Vehicular Diesel

**TANK POSITION:** ABOVEGROUND

**TANK STATUS (as of...):** IN SERVICE 07-Oct-2004

**CONSTRUCTION TYPE:** D UNKNOWN

**PIPING TYPE:**

**LEAK MONITORING:** Y UNKNOWN

**TANK #:** 2  
**TANK VOL(GALS):** 250

**INST.DATE:**  
**TANK CONTENTS:** Unleaded Gas

**TANK POSITION:** ABOVEGROUND

**TANK STATUS (as of...):** IN SERVICE 07-Oct-2004

**CONSTRUCTION TYPE:** D UNKNOWN

**PIPING TYPE:**

**LEAK MONITORING:** Y UNKNOWN



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# USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION (RCRAInfo)

## (NONTSD)

Report Date: 9/23/2019

NONTSD Page 1 of 2

### FACILITY ID NUMBER, NAME AND LOCATION

FLR000177469  
BARTOW AUTO SALVAGE  
3450 US HIGHWAY 17 N  
BARTOW, FL 33830-9235

### CONTACT INFORMATION:

2600 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-2400  
Contact: NON NOTIFIER  
Contact Telephone: 850-245-8707  
Contact Email:  
Agency Lat - Lon:

### MAP ID NUMBER:

Dist (Miles): 0.04  
Direction:

4

N  
O  
N  
T  
S  
D

EPA ENVIROFACTS ON LINE REPORT (May Not Be Available For All Records)

### BRS Reported Waste:

### RCRIS INFORMATION

NOTIFICATION DATE: 4/3/2013 SOURCE: INSPECTION

TSD?: NOT A TSD, VERIFIED  
GEN STATUS(Fed): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)  
GEN STATUS(State): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)  
MIXED WASTE GEN?: N  
IMPORTER?: N  
OFFSITE RECPT?: N  
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED  
XFER FAC?: N  
SHRT TRM GEN?: N  
RECYCLER?: N  
NON-NOTIFIER?: NON-NOTIFIER

UNIV WST DEST?: N  
ON SITE BURNER?: N  
FURNACE?: N  
UNDGRND INJ?: NO UNDERGROUND INJECT  
UO BURNER?: N  
UO PROC?: N  
UO RECY?: N  
UO TRANS?: N  
UO XFER?: N  
UO MRKT BRN?: N  
UO SPEC MRKT?: N

NOTIFICATION DATE: 3/27/2012 SOURCE: INSPECTION

TSD?: NOT A TSD, VERIFIED  
GEN STATUS(Fed): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)  
GEN STATUS(State): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)  
MIXED WASTE GEN?: N  
IMPORTER?: N  
OFFSITE RECPT?: N  
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED  
XFER FAC?: N  
SHRT TRM GEN?: N  
RECYCLER?: N  
NON-NOTIFIER?: NON-NOTIFIER

UNIV WST DEST?: N  
ON SITE BURNER?: N  
FURNACE?: N  
UNDGRND INJ?: NO UNDERGROUND INJECT  
UO BURNER?: N  
UO PROC?: N  
UO RECY?: N  
UO TRANS?: N  
UO XFER?: N  
UO MRKT BRN?: N  
UO SPEC MRKT?: N

NOTIFICATION DATE: 7/28/2011 SOURCE: INSPECTION

TSD?: NOT A TSD, VERIFIED  
GEN STATUS(Fed): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)  
GEN STATUS(State): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)  
MIXED WASTE GEN?: N  
IMPORTER?: N  
OFFSITE RECPT?: N  
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED  
XFER FAC?: N  
SHRT TRM GEN?: N  
RECYCLER?: N  
NON-NOTIFIER?: NON-NOTIFIER

UNIV WST DEST?: N  
ON SITE BURNER?: N  
FURNACE?: N  
UNDGRND INJ?: NO UNDERGROUND INJECT  
UO BURNER?: N  
UO PROC?: N  
UO RECY?: N  
UO TRANS?: N  
UO XFER?: N  
UO MRKT BRN?: N  
UO SPEC MRKT?: N

### VIOLATION INFO

EVAL DT: 20110728

EVAL AGCY: S

EVAL TYPE: COMPLIANCE EVALUATION INSPECTION ON-SITE

VIOL FOUND?: Y



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# USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION (RCRAInfo)

(NONTSD)

Report Date: 9/23/2019

NONTSD Page 2 of 2

**VIOL TYPE:** XXS State Statute or Regulation  
**VIOL DT:** 20110728 **VIOL DETER AGCY:** S **VIOL RESP AGCY:** S  
**ENF DT:** 20120124 **ENF AGCY:** S **ENF TYPE:** DEP MEETING  
**COMPL DT:** 20120327

**VIOL TYPE:** PCR Permit Condition or Requirement  
**VIOL DT:** 20110728 **VIOL DETER AGCY:** S **VIOL RESP AGCY:** S  
**ENF DT:** 20120124 **ENF AGCY:** S **ENF TYPE:** DEP MEETING  
**COMPL DT:** 20120327

**VIOL TYPE:** XXS State Statute or Regulation  
**VIOL DT:** 20110728 **VIOL DETER AGCY:** S **VIOL RESP AGCY:** S  
**ENF DT:** 20120104 **ENF AGCY:** S **ENF TYPE:** DEP MEETING  
**COMPL DT:** 20120327

DRAFT



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 1 of 3

## FRS ID NUMBER, NAME AND LOCATION:

110043769099  
BARTOW AUTO SALVAGE  
3450 US HIGHWAY 17 N  
BARTOW, FL 33830

EPA REG: 04  
TRIBAL?: N  
FED FAC?:  
COUNTY: POLK  
AGENCY LAT/LON: 27.94176/ -81.80184

## MAP ID NUMBER:

Dist (Miles): 0.04  
Direction:

4

ECHO

ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:

AFS ID?: N  
NPDES ID?: N  
SDWISID?: N  
RCRAInfo ID?: Y  
TRIS ID?: N  
GHG ID?: N  
FAC SIC CODES:  
FAC NAICS CODES: 423930  
TRIS REPORTER?:  
FIPS CODE: 12105  
HUC CODE: 03100101  
AIR NAA?  
WBD CODE:  
CONG DIST: 15  
CENSUS BLK: 12105015301100  
MAJ FAC?:  
ACTV PERM?: Y  
% MINORITY WITHIN 3 MI: 46.464  
POP /SQ MI WITHIN 3 MI: 311.93  
TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 1  
LAST INSP: 4/3/2013  
DAYS LAST INSP:  
# INFORMAL ENF ACTS LAST 5 YRS : 0  
LAST INFORMAL ENF ACT :  
# FORMAL ENF ACTS LAST 5 YRS : 0  
LAST FORMAL ENF ACT : 4/23/2012  
# PENALTIES ASSESSED LAST 5 YRS : 0  
TOTAL PENALTIES ASSESSED : 0  
LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0  
PGMS IN NONCOMPL: 0  
CURR COMPL: No Violation  
CURR IN SNC?: N  
3YR QRTLY COMPL STATUS:

LAST EPA INSP:  
LAST STATE INSP: 4/3/2013  
LAST FORMAL EPA ENF:  
LAST FORMAL STATE ENF: 4/23/2012  
LAST INFORMAL EPA ENF:  
LAST INFORMAL STATE ENF:  
FAC FED AGENCY:  
FAC IMP WATERS DISCHARGER:

## CLEAN AIR ACT INFO:

ICIS AIR ID:  
CAA PERMIT TYPE:  
NAICS CODE:  
SIC CODE:  
CAA INSPS IN LAST 5 YRS:  
CAA DAYS LAST INSPN:  
# CAA INFORMAL ENF ACTS LAST 5 YRS:  
# CAA FORMAL ENF ACTS LAST 5 YRS:  
CAA DATE LAST FORMAL ACTION:

CAA TOTAL PENALTIES:  
CAA LAST PENALTY DATE:  
CAA LAST PENALTY AMT:  
CAA QTRS NONCMPL LAST 5 YRS:

CAA CURR COMPL:  
CAA CURR HPV/SNC FLAG: N  
CAA 3YR QRTLY COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID:  
CWA PERMIT TYPE:  
NAICS CODE:  
SIC CODE:  
CWA INSPS IN LAST 5 YRS:  
CWA DAYS LAST INSPN:  
# CWA INFORMAL ENF ACTS LAST 5 YRS:  
# CWA FORMAL ENF ACTS LAST 5 YRS:  
CWA DATE LAST FORMAL ACTION:

CWA TOTAL PENALTIES:  
CWA LAST PENALTY DATE:  
CWA LAST PENALTY AMT:  
CWA QTRS NONCMPL LAST 5 YRS:

CWA CURR COMPL:  
CWA CURR HPV/SNC FLAG: N  
CWA 3YR QRTLY COMPL STATUS:  
CWA 3YR QRTS EFFL EXCEED:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 2 of 3

## RCRIS INFO:

RCRA ID: FLR000177469  
RCRA PERMIT TYPE: CESQG  
NAICS CODE: 423930  
RCRA INSPS IN LAST 5 YRS: 1  
RCRA DAYS LAST EVAL: 1740  
# RCRA INFORMAL ENF ACTS LAST 5 YRS:  
# RCRA FORMAL ENF ACTS LAST 5 YRS:  
RCRA DATE LAST FORMAL ACTION: 04/23/2012

RCRA TOTAL PENALTIES:  
RCRA LAST PENALTY DATE:  
RCRA LAST PENALTY AMT:  
RCRA QTRS NONCMPL LAST 5 YRS: 0

RCRA CURR COMPL: No Violation  
RCRA CURR HPV/SNC FLAG: N  
RCRA 3YR QRTL COMPL STATU

## SDWA INFO:

SDWA ID:  
SDWA SYST TYPE:  
# SDWA INFORMAL ENF ACTS LAST 5 YRS:  
# SDWA FORMAL ENF ACTS LAST 5 YRS:  
SDWA CURR COMPL:  
SDWA CURR HPV/SNC FLAG: N

## TRIS INFO:

TRIS ID:  
TRIS TOTAL LBS ONSITE/OFFSITE:  
TRIS LBS REL ONSITE:  
TRIS LBS TXFR OFFSITE:  
TRIS PAST RPTS?:

## FED ENF INFO:

TOTAL FEC CASES 5 YRS:  
FEC LAST DATE:  
FEC TOTAL PENLTY:

## GRN HOUSE GAS INFO:

GHG ID: GHG EMISSIONS MT: N

## FRS ID NUMBER, NAME AND LOCATION:

110044886004  
SCRAP IT III LLC  
3450 US HIGHWAY 17 N  
BARTOW, FL 33830

EPA REG: 04  
TRIBAL?: N  
FED FAC?:  
COUNTY: POLK  
AGENCY LAT/LON: 27.94176/ -81.80184

## MAP ID NUMBER:

Dist (Miles): 0.04  
Direction:

4

ECHO

## ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:

AFS ID?: N  
NPDES ID?: Y  
SDWISID?: N  
RCRAInfo ID?: N  
TRIS ID?: N  
GHG ID?: N  
FAC SIC CODES: 5015  
FAC NAICS CODES: 423140  
TRIS REPORTER?:  
FIPS CODE: FL105  
HUC CODE: 03100101  
AIR NAA?  
WBD CODE:  
CONG DIST: 15  
CENSUS BLK: 12105015301100  
MAJ FAC?:  
ACTV PERM?: Y  
% MINORITY WITHIN 3 MI: 46.464  
POP /SQ MI WITHIN 3 MI: 311.93  
TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 0  
LAST INSP:  
DAYS LAST INSP:  
# INFORMAL ENF ACTS LAST 5 YRS : 0  
LAST INFORMAL ENF ACT :  
# FORMAL ENF ACTS LAST 5 YRS : 0  
LAST FORMAL ENF ACT :  
# PENALTIES ASSESSED LAST 5 YRS : 0  
TOTAL PENALTIES ASSESSED : 0  
LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0  
PGMS IN NONCOMPL: 0  
CURR COMPL: No Violation  
CURR IN SNC?: N  
3YR QRTL COMPL STATUS:

LAST EPA INSP:  
LAST STATE INSP:  
LAST FORMAL EPA ENF:  
LAST FORMAL STATE ENF:  
LAST INFORMAL EPA ENF:  
LAST INFORMAL STATE ENF:  
FAC FED AGENCY:  
FAC IMP WATERS DISCHARGER: Y

## CLEAN AIR ACT INFO:

ICIS AIR ID:

CAA TOTAL PENALTIES:

CAA CURR COMPL:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 3 of 3

## CAA PERMIT TYPE:

NAICS CODE:

SIC CODE:

CAA INSPS IN LAST 5 YRS:

CAA DAYS LAST INSPN:

# CAA INFORMAL ENF ACTS LAST 5 YRS:

# CAA FORMAL ENF ACTS LAST 5 YRS:

CAA DATE LAST FORMAL ACTION:

## CAA LAST PENALTY DATE:

CAA LAST PENALTY AMT:

CAA QTRS NONCMPL LAST 5 YRS:

CAA CURR HPV/SNC FLAG: N

CAA 3YR QRTL COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID: FLR05H230

CWA PERMIT TYPE: Minor

NAICS CODE: 423140

SIC CODE: 5015

CWA INSPS IN LAST 5 YRS:

CWA DAYS LAST INSPN:

# CWA INFORMAL ENF ACTS LAST 5 YRS:

# CWA FORMAL ENF ACTS LAST 5 YRS:

CWA DATE LAST FORMAL ACTION:

## CWA TOTAL PENALTIES:

CWA LAST PENALTY DATE:

CWA LAST PENALTY AMT:

CWA QTRS NONCMPL LAST 5 YRS: 0

CWA CURR COMPL: No Violation

CWA CURR HPV/SNC FLAG: N

CWA 3YR QRTL COMPL STATUS:

CWA 3YR QRTS EFFL EXCEED:

## RCRIS INFO:

RCRA ID:

RCRA PERMIT TYPE:

NAICS CODE:

RCRA INSPS IN LAST 5 YRS:

RCRA DAYS LAST EVAL:

# RCRA INFORMAL ENF ACTS LAST 5 YRS:

# RCRA FORMAL ENF ACTS LAST 5 YRS:

RCRA DATE LAST FORMAL ACTION:

## RCRA TOTAL PENALTIES:

RCRA LAST PENALTY DATE:

RCRA LAST PENALTY AMT:

RCRA QTRS NONCMPL LAST 5 YRS:

RCRA CURR COMPL:

RCRA CURR HPV/SNC FLAG: N

RCRA 3YR QRTL COMPL STATU

## SDWA INFO:

SDWA ID:

SDWA SYST TYPE:

# SDWA INFORMAL ENF ACTS LAST 5 YRS:

# SDWA FORMAL ENF ACTS LAST 5 YRS:

SDWA CURR COMPL:

SDWA CURR HPV/SNC FLAG: N

## TRIS INFO:

TRIS ID:

TRIS TOTAL LBS ONSITE/OFFSITE:

TRIS LBS REL ONSITE:

TRIS LBS TXFR OFFSITE:

TRIS PAST RPTS?:

## FED ENF INFO:

TOTAL FEC CASES 5 YRS:

FEC LAST DATE:

FEC TOTAL PENLTY:

## GRN HOUSE GAS INFO:

GHG ID:

GHG EMISSIONS MT: N



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# FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 9/23/2019

LUST Page 1 of 3

## FACILITY ID NUMBER, NAME AND LOCATION

8623579  
CHRISTINAS MARKET-MATTIES GROCERY  
3470 HWY 17 N  
BARTOW, FL 33830-

## OWNERSHIP INFO:

PROPERTY OWNER  
RED HOLDING LLC  
1909 VERANO DR  
HAINES CITY, FL 33844-  
(863)421-0148  
COUNTY ID: 53 POLK  
AGCY LAT/LON(DMS): 27,56,31.82 81,48,2.63  
FAC OPERATOR: THOMAS, DARRELL  
FAC TEL #: (941)533-6428

## MAP ID NUMBER:

Dist (Miles): 0.08  
Direction:

5

L  
U  
S  
T

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

FAC STATUS: CLOSED

FAC TYPE: A - Retail Station

SCORE 66 SCORE EFF DT: 1/6/1998 RANK: 1381 SCORE WHEN RANKED: 66 FAC CLNUP STATUS:

## DISCHARGE INFORMATION

DISCHARGE DATE: 1/27/1989

Mapid: 5

## INSPECTION DATE:

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

CLEANUP WORK STATUS: COMPLETED

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 7/10/2008 SRCR - SRCR COMPLETE

CONTAMINATED MEDIA?: SOIL: N SUR WATER: N GR WATER: Y MON WELL: Y # DW WELLS CONTAMINATED: 0

POLLUTANT: Y - Unknown/Not Reported

GALLONS OTHER

## CLEANUP INFORMATION

Mapid: 5

## PGM ELIG OFF:

PGM ELIG SCORE:

PGM ELIG SCORE EFF DT:

PGM ELIG RA

ELIG STAT:

ELIG STAT DT:

APPL RCVD:

LOI:

ELIG LTR SNT:

REDETERM:

DEDUCT AMT:

DEDUCT PD TO DT:

COPAY AMT:

COPAY TO DT:

CAP AMT:

CLNUP PROG:

CLNUP OFF: PCLP53 - FL DOH IN POLK COUNTY

## SITE ASSESSMENT

CLNP RESP: -

FUND ELLIG: -

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

## REMEDIAL ACTION PLAN

CLEANUP RESP: -

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE:

PAYMENT DATE:

ACTUAL COST:

## REMEDIAL ACTION

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL: 0

## SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: SRCR - SITE REHABILITATION COMPLETION REPORT

SUBMIT DATE: 01-04-2008

REVIEW DATE: 01-16-2008

ISSUE DATE: 07-10-2008

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 06-30-2008

COMMENTS:

## SOURCE REMOVAL

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COMPLETION DATE:

FREE PRODUCT REMOVAL?(Y/N):

SOIL REMOVAL?(Y/N):

SOIL TONNAGE REMOVED:

SOIL TREATMENT?(Y/N):

OTHER TREATMENT?:

ALT PROC STATUS:

ALT PROC STATUS DT:

ALT PROC COMMENT:



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# FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 9/23/2019

LUST Page 2 of 3

## DISCHARGE INFORMATION

DISCHARGE DATE: 10/19/1991

Mapid: 5

INSPECTION DATE: 3/5/1992

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED? R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: A - ABANDONED TANK RESTORATION

DISCH CLNUP STATUS: 7/10/2008 SRCR - SRCR COMPLETE

CONTAMINATED MEDIA?: SOIL:

SUR WATER:

GR WATER:

MON WELL:

# DW WELLS CONTAMINATED:

POLLUTANT : B - Unleaded Gas

GALLONS

OTHER

## CLEANUP INFORMATION

Mapid: 5

PGM ELIG OFF: PCLP53 - FL DOH IN POLK COUNTY

PGM ELIG SCORE: 66

PGM ELIG SCORE EFF DT: 1/6/1998

PGM ELIG RA 1381

ELIG STAT: E

ELIG STAT DT: 6/9/1992

APPL RCVD: 7/30/1991

LOI:

ELIG LTR SNT: 6/9/1992

REDETERM: N

DEDUCT AMT: 500

DEDUCT PD TO DT: 500

COPAY AMT: 0

COPAY TO DT: 0

CAP AMT:

CLNUP PROG: A - ABANDONED TANK RESTO

CLNUP OFF: PCLP53 - FL DOH IN POLK COUNTY

## SITE ASSESSMENT

CLNP RESP: ST - STATE

FUND ELLIG: SCR - PRIORITY SCORE ORDER

ACTUAL COMPLETION DATE:

PAYMENT DATE:

ACTUAL COST:

## REMEDIAL ACTION PLAN

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ORDER APPRV DATE:

ACTUAL COMPL DATE:

PAYMENT DATE:

ACTUAL COST:

## REMEDIAL ACTION

CLEANUP RESP: ST - STATE

FUND ELLIG: -

ACTUAL COST:

YEARS TO COMPL: 0

## SITE REHABILITATION COMPLETION REPORT

ACTION TYPE: SRCR - SITE REHABILITATION COMPLETION REPORT

SUBMIT DATE: 01-04-2008

REVIEW DATE: 01-04-2008

ISSUE DATE: 07-10-2008

COMPL STATUS: A - APPROVED

COMPL STATUS DT: 06-30-2008

COMMENTS:

## SOURCE REMOVAL

CLEANUP RESP: -

FUND ELLIG: -

ACTUAL COMPLETION DATE:

FREE PRODUCT REMOVAL?(Y/N):

SOIL REMOVAL? (Y/N):

SOIL TONNAGE REMOVED:

SOIL TREATMENT?(Y/N):

OTHER TREATMENT?:

ALT PROC STATUS:

ALT PROC STATUS DT:

ALT PROC COMMENT:



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# FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

Report Date: 9/23/2019

LUST Page 3 of 3

## TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION		OWNERSHIP INFORMATION		MAP ID NUMBER: 5	
8623579 CHRISTINAS MARKET-MATTIES GROCERY 3470 HWY 17 N BARTOW, FL 33830		CONTACT TEL #: CONTACT: FACILITY TEL #: 9415336428 COUNTY ID: 53 POLK		Dist (Miles): 0.08 Direction:	
<a href="#">FDEP INFORMATION PORTAL ON LINE DOCUMENTS</a> (May Not Be Available For All Records)					
<b>FAC STATUS:</b> CLOSED		<b>FAC TYPE:</b> Retail Station			
<b>TANK #:</b>	<b>TANK VOL(GALS):</b>	<b>INST.DATE:</b>	<b>TANK CONTENTS:</b>	<b>TANK POSITION:</b>	<b>TANK STATUS (as of...):</b>
1	8000	01-Dec-1977	Unleaded Gas	UNDERGROUND	REMOVED 31-May-1992
<b>CONSTRUCTION TYPE:</b> BALL CHECK VALVE/FIBERGLASS <b>PIPING TYPE:</b> <b>LEAK MONITORING:</b> UNKNOWN					
<b>TANK #:</b>	<b>TANK VOL(GALS):</b>	<b>INST.DATE:</b>	<b>TANK CONTENTS:</b>	<b>TANK POSITION:</b>	<b>TANK STATUS (as of...):</b>
2	8000	01-Dec-1977	Unleaded Gas	UNDERGROUND	REMOVED 31-May-1992
<b>CONSTRUCTION TYPE:</b> BALL CHECK VALVE/FIBERGLASS <b>PIPING TYPE:</b> <b>LEAK MONITORING:</b> UNKNOWN					

T  
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K  
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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 1 of 2

## FRS ID NUMBER, NAME AND LOCATION:

110059798759  
LAKE HANCOCK  
3217 OLD BARTOW EAGLE LAKE RD  
BARTOW, FL 33830

EPA REG: 04  
TRIBAL?: N  
FED FAC?:  
COUNTY: POLK  
AGENCY LAT/LON: 27.943232/ -81.80324

## MAP ID NUMBER:

Dist (Miles): 0.12  
Direction:

6

ECHO

ECHO ON LINE REPORTS (May Not Be Available For All Records)

## GENERAL FACILITY INFO:

AFS ID?: N  
NPDES ID?: Y  
SDWISID?: N  
RCRAInfo ID?: N  
TRIS ID?: N  
GHG ID?: N  
FAC SIC CODES:  
FAC NAICS CODES:  
TRIS REPORTER?:  
FIPS CODE: FL105  
HUC CODE: 03100101  
AIR NAA?  
WBD CODE:  
CONG DIST: 15  
CENSUS BLK: 12105014702204  
MAJ FAC?:  
ACTV PERM?: Y  
% MINORITY WITHIN 3 MI: 46.108  
POP /SQ MI WITHIN 3 MI: 339.15  
TRIBAL WITHIN 25 MI:

# INSPS IN 5 YRS: 0  
LAST INSP:  
DAYS LAST INSP:  
# INFORMAL ENF ACTS LAST 5 YRS : 0  
LAST INFORMAL ENF ACT :  
# FORMAL ENF ACTS LAST 5 YRS : 0  
LAST FORMAL ENF ACT :  
# PENALTIES ASSESSED LAST 5 YRS : 0  
TOTAL PENALTIES ASSESSED : 0  
LAST PENALTY AMT :

QTRS NONCMPL LAST 5 YRS: 0  
PGMS IN NONCOMPL: 0  
CURR COMPL: No Violation  
CURR IN SNC?: N  
3YR QRTLY COMPL STATUS:

LAST EPA INSP:  
LAST STATE INSP:  
LAST FORMAL EPA ENF:  
LAST FORMAL STATE ENF:  
LAST INFORMAL EPA ENF:  
LAST INFORMAL STATE ENF:  
FAC FED AGENCY:  
FAC IMP WATERS DISCHARGER:

## CLEAN AIR ACT INFO:

ICIS AIR ID:  
CAA PERMIT TYPE:  
NAICS CODE:  
SIC CODE:  
CAA INSPS IN LAST 5 YRS:  
CAA DAYS LAST INSPN:  
# CAA INFORMAL ENF ACTS LAST 5 YRS:  
# CAA FORMAL ENF ACTS LAST 5 YRS:  
CAA DATE LAST FORMAL ACTION:

CAA TOTAL PENALTIES:  
CAA LAST PENALTY DATE:  
CAA LAST PENALTY AMT:  
CAA QTRS NONCMPL LAST 5 YRS:

CAA CURR COMPL:  
CAA CURR HPV/SNC FLAG: N  
CAA 3YR QRTLY COMPL STATUS:

## CLEAN WATER ACT INFO:

NPDES ID: FLR10NZ43  
CWA PERMIT TYPE: Minor  
NAICS CODE:  
SIC CODE:  
CWA INSPS IN LAST 5 YRS:  
CWA DAYS LAST INSPN:  
# CWA INFORMAL ENF ACTS LAST 5 YRS:  
# CWA FORMAL ENF ACTS LAST 5 YRS:  
CWA DATE LAST FORMAL ACTION:

CWA TOTAL PENALTIES:  
CWA LAST PENALTY DATE:  
CWA LAST PENALTY AMT:  
CWA QTRS NONCMPL LAST 5 YRS: 0

CWA CURR COMPL: No Violation  
CWA CURR HPV/SNC FLAG: N  
CWA 3YR QRTLY COMPL STATUS:  
CWA 3YR QRTS EFFL EXCEED:



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# USEPA ENFORCEMENT AND COMPLIANCE HISTORY

(ECHO)

Report Date: 9/23/2019

ECHO Page 2 of 2

## RCRIS INFO:

RCRA ID:

RCRA PERMIT TYPE:

NAICS CODE:

RCRA INSPS IN LAST 5 YRS:

RCRA DAYS LAST EVAL:

# RCRA INFORMAL ENF ACTS LAST 5 YRS:

# RCRA FORMAL ENF ACTS LAST 5 YRS:

RCRA DATE LAST FORMAL ACTION:

RCRA TOTAL PENALTIES:

RCRA LAST PENALTY DATE:

RCRA LAST PENALTY AMT:

RCRA QTRS NONCMPL LAST 5 YRS:

RCRA CURR COMPL:

RCRA CURR HPV/SNC FLAG: N

RCRA 3YR QRTLY COMPL STATU

## SDWA INFO:

SDWA ID:

SDWA SYST TYPE:

# SDWA INFORMAL ENF ACTS LAST 5 YRS:

# SDWA FORMAL ENF ACTS LAST 5 YRS:

SDWA CURR COMPL:

SDWA CURR HPV/SNC FLAG: N

## TRIS INFO:

TRIS ID:

TRIS TOTAL LBS ONSITE/OFFSITE:

TRIS LBS REL ONSITE:

TRIS LBS TXFR OFFSITE:

TRIS PAST RPTS?:

## FED ENF INFO:

TOTAL FEC CASES 5 YRS:

FEC LAST DATE:

FEC TOTAL PENLTY:

## GRN HOUSE GAS INFO:

GHG ID:

GHG EMISSIONS MT: N



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# ENVIRONMENTAL DATA MANAGEMENT

## Custom Radius Research Proximal Site Summary Table

This table includes mapped sites whose plotted coordinates fall just outside of the ASTM or client defined research distance but whose property boundaries may still extend into the search area. These sites are typically large commercial or industrial tracts that may merit inclusion in the evaluation process. Detail data reports on any of these sites may be requested and will be sent as an addendum to this report at no additional cost.

Report Date: 9/23/2019

Page 1 of 1

MapID Prgm List	Fac ID No	Site Dist(mi) & Direction	Site Name	Site Address
<b>1A</b>				
ECHO	110006839378	0.14 1	FLORIDA TRUCK & TRAILER CO	3500 STATE ROAD 60 E BARTOW, FL 33830
NONTSD	FLR000058396	0.14 1	FLORIDA TRUCK & TRAILER CO	3500 STATE ROAD 60 E BARTOW, FL 338309434

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# ENVIRONMENTAL DATA MANAGEMENT

## Custom Radius Research Non-Mapped Records Summary Table

This table is a listing of database records that have not been plotted within our mapping system and could exist within your Study Area. Detail data reports on any of these sites may be requested and will be sent as an addendum to this report at no additional cost.

Report Date: 9/23/2019

Page 1 of 1

Pgm List & Fac ID No	Site Name	Site Address
STCERC		
NONE 533FDER	BARTOW LANDFILL-ABANDONED	HWY 17 BARTOW, FL

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# Agency List Descriptions

USEPA and State Databases are updated on a quarterly basis. Supplemental Databases are updated on an annual basis.

## Florida Department of Environmental Protection (FDEP)

### State Designated Brownfields(BRWNFLDS)

The FDEP Brownfields database contains a listing of State Designated Brownfield Areas and Brownfield Sites. Brownfields are typically defined as abandoned, idled or underused industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

**Agency File Date:** 7/29/2019

**Received by EDM:** 8/12/2019

**EDM Database Updated:** 8/12/2019

### Dry Cleaners List(DRY)

The FDEP Dry Cleaning Facilities List is comprised of data from the FDEP Storage Tank and Contamination Monitoring (STCM) database and the Drycleaning Solvent Cleanup Program- Priority Ranking List. It contains a listing of those Dry Cleaning sites (and suspected historical Dry Cleaning sites) who have registered with the FDEP and/or have applied for the Dry Cleaning Solvent Cleanup Program.

**Agency File Date:** 6/28/2019

**Received by EDM:** 7/1/2019

**EDM Database Updated:** 7/1/2019

### Institutional and/or Engineering Controls(INSTENG)

The FDEP Institutional Controls Registry Database (INSTENG) contains sites that have had Institutional and/or Engineering Controls implemented to regulate exposure to environmental hazards

**Agency File Date:** 5/16/2019

**Received by EDM:** 5/20/2019

**EDM Database Updated:** 5/20/2019

### Leaking Underground Storage Tanks List(LUST)

The FDEP LUST list identifies facilities and/or locations that have notified the FDEP of a possible release of contaminants from petroleum storage systems. This Report is generated from the FDEP Storage Tank and Contamination Monitoring Database (STCM).

**Agency File Date:** 7/19/2019

**Received by EDM:** 7/19/2019

**EDM Database Updated:** 7/22/2019

### Solid Waste Facilities List(SLDWST)

The FDEP SLDWST list identifies locations that have been permitted to conduct solid waste handling activities including Landfills, Transfer Stations and sites handling Bio-Hazardous wastes. Sites listed with "##" after the Facility ID Number are historical locations, obtained from documents on record at local agencies.

**Agency File Date:** 5/20/2019

**Received by EDM:** 5/20/2019

**EDM Database Updated:** 5/20/2019

### State CERCLIS/SEMS Equivalent(STCERC)

The STCERC list is compiled from the FDEP Site Investigation Section list, the Florida SITES list(historical) and the FDEP Cleanup Sites list. These sites are being assessed and/or cleaned up as a result of identified or suspected contamination from the release of hazardous substances. The FDEP Cleanup Sites list programs include: Brownfields, Petroleum, EPA Superfund (CERCLA), Drycleaning, Responsible Party Cleanup, State Funded Cleanup, State Owned Lands Cleanup and Hazardous Waste Cleanup.

**Agency File Date:** 8/11/2019

**Received by EDM:** 8/12/2019

**EDM Database Updated:** 8/12/2019

### State NPL Equivalent(STNPL)

The FDEP State Funded Cleanup list contains facilities and/or locations where there are no viable responsible parties; the site poses an imminent hazard; and the site does not qualify for Superfund or is a low priority for EPA. Remedial efforts at these sites are currently being addressed through State funded cleanup action.

**Agency File Date:** 8/10/2019

**Received by EDM:** 8/12/2019

**EDM Database Updated:** 8/12/2019

### Underground/Aboveground Storage Tanks(TANKS)

The FDEP TANKS list contains sites with registered aboveground and underground storage tanks containing regulated petroleum products.

**Agency File Date:** 6/17/2019

**Received by EDM:** 6/17/2019

**EDM Database Updated:** 8/7/2019

### Voluntary Cleanup List(VOLCLNUP)

The VOLCLNUP List is derived from the FDEP Brownfields Site Rehabilitation Agreement (BSRA) database and the FDEP Office of Waste Cleanup Responsible Party Sites database. This list identifies those sites that have signed an agreement to Voluntarily cleanup a site and/or sites where legal responsibility for site rehabilitation exists pursuant to Florida Statutes and is being conducted either voluntarily or pursuant to enforcement activity.

**Agency File Date:** 5/6/2019

**Received by EDM:** 5/20/2019

**EDM Database Updated:** 5/20/2019

## United States Environmental Protection Agency (EPA)

### Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)

The US EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database tracks potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are proposed to be on the NPL, are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL. The CERCLIS database was retired in November of 2013 and has been replaced by the Superfund Enterprise Management System (SEMS).

**Agency File Date:** 11/12/2013

**Received by EDM:** 2/18/2016

**EDM Database Updated:** 2/18/2016

## RCRIS Handlers with Corrective Action(CORRACTS)

The US EPA Corrective Action Sites (CORRACTS) database is a listing of hazardous waste handlers that have undergone RCRA corrective action activity.

**Agency File Date:** 5/13/2019

**Received by EDM:** 5/20/2019

**EDM Database Updated:** 5/20/2019

## Enforcement and Compliance History(ECHO)

The US EPA Enforcement and Compliance History Online (ECHO) database provides integrated compliance and enforcement information on facilities regulated under the Clean Air Act (CAA), Clean Water Act (CWA), Safe Drinking Water Act (SDWA) and Resource Conservation and Recovery Act (RCRA).

**Agency File Date:** 3/3/2019

**Received by EDM:** 3/8/2019

**EDM Database Updated:** 3/11/2019

## Emergency Response Notification System List(ERNS)

The Emergency Response Notification System (ERNS) database stores information on oil discharges and hazardous substance releases. The ERNS program is a cooperative data sharing effort among the EPA, DOT and the National Response Center (NRC), which currently provides access to this data.

**Agency File Date:** 8/4/2019

**Received by EDM:** 8/12/2019

**EDM Database Updated:** 8/12/2019

## Archived Cerclis Sites(NFRAP)

The US EPA NFRAP list contains archived data of CERCLIS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. NFRAP sites may be reviewed in the future to determine if they should be returned to CERCLIS based upon newly identified contamination problems at the site. The NFRAP database was retired in November of 2013 and has been replaced by the Superfund Enterprise Management System (SEMS).

**Agency File Date:** 10/25/2013

**Received by EDM:** 2/18/2016

**EDM Database Updated:** 2/18/2016

## RCRA-LQG,SQG,CESQG and Transporters(NONTSD)

The EDM NONTSD list is a subset of the US EPA RCRAInfo System and identifies facilities that generate and transport hazardous wastes. These facilities may be Large Quantity Generators (LQG), Small Quantity Generators (SQG), Conditionally Exempt SQG's (CESQG) as well as "Non-Notifiers" and "Non-Handlers".

**Agency File Date:** 4/29/2019

**Received by EDM:** 4/30/2019

**EDM Database Updated:** 5/1/2019

## National Priorities List(NPL)

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities under the Superfund Program. EDM's NPL Report includes sites that are currently on the NPL as well as sites that have been Proposed, Withdrawn and/or Deleted from the list. Previously, information for the NPL was managed under the CERCLIS data management system. In 2014 this system was replaced with the Superfund Enterprise Management System (SEMS). EPA last updated CERCLIS in November of 2013. EDM's NPL Report contains available SEMS data and the archived CERCLIS data relative to NPL sites.

**Agency File Date:** 6/11/2019

**Received by EDM:** 7/17/2019

**EDM Database Updated:** 7/18/2019

## NPL Liens List(NPLLIENS)

The US EPA NPL Liens List identifies those sites where under authority granted by CERCLA, liens have been filed against real property in order to recover expenditures from remedial action or when the property owner receives a notice of potential liability.

**Agency File Date:** 5/14/2019

**Received by EDM:** 5/28/2019

**EDM Database Updated:** 5/29/2019

## Superfund Enterprise Management System Active Site Inventory List(SEMSACTV)

The US EPA Superfund Enterprise Management System (SEMS) tracks potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. The SEMSACTV list contains sites that are on the National Priorities List (NPL) as well as sites that are proposed for or in the screening and assessment phase for possible inclusion on the NPL. SEMS has replaced the CERCLIS database, which was retired in November of 2013.

**Agency File Date:** 6/11/2019

**Received by EDM:** 7/1/2019

**EDM Database Updated:** 7/1/2019

## Superfund Enterprise Management System Archived Site Inventory List(SEMSARCH)

The US EPA Superfund Enterprise Management System (SEMS), contains archived data of CERCLIS or SEMS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. These sites may be reviewed in the future to determine if they should be returned to SEMS based upon newly identified contamination problems at the site. SEMS has replaced the CERCLIS database, which was retired in November of 2013. The SEMSARCH database contains these newly archived records under the SEMS database management system.

**Agency File Date:** 6/11/2019

**Received by EDM:** 7/1/2019

**EDM Database Updated:** 7/2/2019

## Tribal Lust List(TRIBLLUST)

EDM's Tribal LUST list is derived from the USEPA Region IV Tribal Tanks database by extracting those sites with indicators of past and/or current releases.

**Agency File Date:** 2/24/2010

**Received by EDM:** 3/9/2010

**EDM Database Updated:** 3/9/2010

## Tribal Tanks List(TRIBLTANKS)

The USEPA Region IV Tribal Tanks database lists Active and Closed storage tank facilities on Native American lands.

**Agency File Date:** 2/24/2010

**Received by EDM:** 3/9/2010

**EDM Database Updated:** 3/9/2010



### RCRA-Treatment, Storage and/or Disposal Sites(TSD)

The EDM TSD list is a subset of the US EPA RCRAInfo system and identifies facilities that Treat, Store and/or Dispose of hazardous waste.

**Agency File Date:** 4/29/2019

**Received by EDM:** 4/30/2019

**EDM Database Updated:** 5/1/2019

### Brownfields Management System(USBRWNFLDS)

The US EPA Brownfields program provides information on environmentally distressed properties that have received Grants or Targeted funding for cleanup and redevelopment . Tribal Brownfield sites are included in the USBRWNFLDS database.

**Agency File Date:** 5/28/2019

**Received by EDM:** 5/28/2019

**EDM Database Updated:** 5/28/2019

### Institutional and/or Engineering Controls(USINSTENG)

The USINSTENG list is compiled from data elements contained in the NPL, CORRACTS and USBRWNFLDS lists.

**Agency File Date:** 5/28/2019

**Received by EDM:** 5/28/2019

**EDM Database Updated:** 5/28/2019

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# Environmental Impact Areas

## Brownfield Areas and Sites

The FDEP Brownfields database contains a listing of State Designated Brownfield Areas and Brownfield Sites. Brownfields are typically defined as abandoned, idled or underused industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

**Agency File Date:** 7/29/2019

**Received by EDM:** 8/12/2019

**EDM Database Updated:** 8/12/2019

<https://floridadep.gov/waste/waste-cleanup/content/brownfields-program>

## Cattle Dipping Vats

From the 1910's through the 1950's, vats 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. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Some of the sites have been located and are currently under investigation. However, most of the listings are from old records of the State Livestock Board, which listed each vat as it was put into operation. In addition, some privately operated vats may have existed which were not listed by the Livestock Board. EDM's Cattle Dipping Vat sites are retrieved from the Voluntary Cleanup and STCERC databases. For additional information on Cattle Dipping Vats visit the FDEP and FDOH websites at:

**Agency File Date:** 10/31/2018

**Received by EDM:** 1/25/2019

**EDM Database Updated:** 1/25/2019

<https://floridadep.gov/waste/district-business-support/content/cattle-dipping-vats-cdv>

<http://www.floridahealth.gov/environmental-health/drinking-water/cattledipvathome.html>

## Formerly Used Defense Sites

The DoD is responsible for the environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and operated under the jurisdiction of the Secretary of Defense prior to October 1986. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. For more information on the FUDS Program, including maps and data on individual sites, visit the Army Corps of Engineers website at:

**Agency File Date:** 5/29/2018

**Received by EDM:** 1/25/2019

**EDM Database Updated:** 1/25/2019

<http://www.usace.army.mil/Missions/Environmental/Formerly-Used-Defense-Sites/>

## FUDS Munitions Response Sites

The DoD developed the Military Munitions Response Program (MMRP) in 2001 to address munitions-related concerns, including explosive safety, environmental, and health hazards from releases of unexploded ordnance (UXO), discarded military munitions (DDM), and munitions constituents (MC) found at locations, other than operational ranges, on active and Base Realignment and Closure (BRAC) installations and Formerly Used Defense Sites (FUDS) properties. The MMRP addresses non-operational range lands with suspected or known hazards from munitions and explosives of concern (MEC) which occurred prior to September 2002, but are not already included with an Installation Response Program (IRP) site cleanup activity. For more information on the FUDS MMRP Program, including maps and data on individual sites, visit the Army Corps of Engineers website at:

**Agency File Date:** 5/14/2018

**Received by EDM:** 1/25/2019

**EDM Database Updated:** 1/25/2019

<http://www.asaie.army.mil/Public/ESOH/mmrp.html>

## Groundwater Contamination Areas

The Ground Water Contamination Areas GIS layer is a statewide map showing the boundaries of delineated areas of known groundwater contamination pursuant to Chapter 62-524, F.A.C., New Potable Water Well Permitting In Delineated Areas. 38 Florida counties have been delineated primarily for the agricultural pesticide ethylene dibromide (EDB), and to a much lesser extent, volatile organic and petroleum contaminants. This GIS layer represents approximately 427,897 acres in 38 counties in Florida that have been delineated for groundwater contamination. However, it does not represent all known sources of groundwater contamination for the state of Florida.

This information is intended to be used by regulatory agencies issuing potable water well construction permits in areas of ground water contamination to protect public health and the ground water resource. Permitted water wells in these areas must meet specific well construction criteria and water testing prior to well use. This dataset only indicates the presence or absence of specific groundwater contaminants and does not represent all known sources of groundwater contamination in the state of Florida.

**Agency File Date:** 11/28/2018

**Received by EDM:** 1/24/2019

**EDM Database Updated:** 1/24/2019

<https://floridadep.gov/water/source-drinking-water/content/delineated-areas>

## National Priorities List

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities under the Superfund Program. EDM's NPL site boundaries data include sites that are currently on the NPL as well as sites that have been Proposed, Withdrawn and/or Deleted from the list.

**Agency File Date:** 11/14/2018

**Received by EDM:** 12/10/2018

**EDM Database Updated:** 1/22/2019

<https://www.epa.gov/superfund/search-superfund-sites-where-you-live>

## Solid Waste Facilities

The FDEP SLDWST list identifies locations that have been permitted to conduct solid waste handling activities.

**Agency File Date:** 1/23/2019

**Received by EDM:** 1/24/2019

**EDM Database Updated:** 1/25/2019

<https://floridadep.gov/waste>

## State Funded Cleanup Sites

The FDEP State Funded Cleanup list contains facilities and/or locations where there are no viable responsible parties; the site poses an imminent hazard; and the site does not qualify for Superfund or is a low priority for EPA. Remedial efforts at these sites are currently being addressed through State funded cleanup action.

**Agency File Date:** 8/10/2019

**Received by EDM:** 8/12/2019

**EDM Database Updated:** 8/12/2019

<https://floridadep.gov/waste/waste-cleanup/documents/state-funded-cleanup-program-site-list>

# **CSER APPENDIX E**

## Site Photographs

## Site Photographs



**South limit of project, SR 60 looking north**



**North project limit, looking northeast along US 17**



Pasture in central area just north of Peace Creek looking southwest



## Site Photographs – Medium and High Rated Sites



**Site 4 - Earth Materials Mining, Inc. – Tice Mine**  
**500-gallon diesel AST with stained soil located in the central area of this site;**  
**southeast of AST looking northwest**



**Site 4 - Earth Materials Mining, Inc. – Tice Mine**  
**Petroleum stained soil located in the central area of this site;**  
**Approximately 20 feet west of AST in previous photo**



**Site 4 - Earth Materials Mining, Inc. – Tice Mine**  
**5-gallon hydraulic oil buckets in the central area of this site**  
**Southwest of buckets looking northeast**



**Site 4 - Earth Materials Mining, Inc. – Tice Mine**  
**Concrete and brick rubble in the north-central area of this site looking northeast**





**Site 5 Former Groves – 55-gallon drum with soil stain  
located approximately 80 feet south of storage shed**



**Site 5 Former Groves  
Equipment area north side of mobile home looking southeast**



**Site 5 Former Groves**  
**Southwest of mobile home looking northeast**



**Site 5 Former Groves**  
**Northeast of mobile home looking southwest**





**Site 5 Former Groves**  
**Possible herbicide/pesticide AST**  
**East side of shed looking south**



**Site 6 – Pit/Earthwork**  
**South side of pit looking northwest**



**Site 6 – Pit/Earthwork**  
**East side of pit looking southwest**



**Site 7 – Equipment Storage**  
**Southeast area looking northwest**





**Site 7 – Equipment Storage**  
**55-gallon drum with stained soil in central area**



**Site 7 – Equipment Storage**  
**Waste oil tote located in southwest area of this site**



**Site 7 – Equipment Storage**  
**Tanker truck with “jet fuel” label located in southwest area of this site**



**Site 7 – Equipment Storage**  
**Metal, wood and tire debris located in southwest area of this site**





**Site 8 – Clear Springs Mine (Former IMC Agrico)**  
**Two piezometers in north-central area**



**Site 11 Tyre Equipment**  
**North end looking south at entrance**



**Site 11 Tyre Equipment**  
**East side of shop looking south**



**Site 11 Tyre Equipment**  
**Northeast corner of shop looking northeast stained concrete and soil**





**Site 11 Tyre Equipment**  
**Northwest of shop looking southeast**



**Site 11 Tyre Equipment**  
**Stained soil southwest corner of shop**



**Site 11 Tyre Equipment**  
**Southwest corner of shop looking east**



**Site 11 Tyre Equipment**  
**Southeast corner of shop looking west**





**Site 11 Tyre Equipment**  
**Inside southeast corner of shop looking northwest**



**Site 11 Tyre Equipment**  
**Northwest of petroleum storage shed looking southeast**



**Site 11 Tyre Equipment**  
**AST and rusted 55-gallon drums located along east-central boundary,**  
**just south of the petroleum storage shed**



**Site 11 Tyre Equipment**  
**55-gallon drum southeast of shop looking northwest**





**Site 11 Tyre Equipment**  
**Northeast of house looking southwest**

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**CSER APPENDIX F**  
Supplemental Information



Site 8 – Clear Springs Mine (IMC Agrico)

## Chris Garth

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**From:** Chris Garth  
**Sent:** Wednesday, November 06, 2019 9:30 AM  
**To:** 'PCarroll@ClearSprings.com'  
**Subject:** Questions \_ Clear Springs property west of 91 Mine Road, north of SR 60 and south of US 17

Mr. Carroll,

I am performing a Level I Contamination Screening Evaluation on behalf of the Florida Turnpike project and was hoping you would be able to provide some information.

1. There are some 4"x4"x3' steel protective casings with PVC pipes inside going into the ground. We suspect these are either piezometers or groundwater monitor wells. Can you tell us precisely which they are? If they are monitor wells, is there a report you may be able to provide (a pdf) that would provide information such as what parameters are/were being monitored? When were they installed? When were they last measured or sampled? Is there a contamination plume & where?
2. Also, is (or was) there a Cattle Dip Vat within or near the proposed roadway alignment?

Please call or email if you have questions or concerns.

Thanks,  
Chris Garth, LEP  
Senior Scientist

**TIERRA, INC.**

7351 Temple Terrace Highway | Tampa, Florida 33637  
T 813.989.1354 | F 813.989.1355 | C 813.766.0269  
[cgarth@tierraeng.com](mailto:cgarth@tierraeng.com) | [www.tierraeng.com](http://www.tierraeng.com)  
geotechnical environmental materials engineering

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## Justin Holley

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**From:** Andrews, Brenda <Brenda.Andrews@flhealth.gov>  
**Sent:** Wednesday, April 03, 2019 10:21 AM  
**To:** Chris Garth  
**Subject:** FW: (19 03 ERCWEB 060 R) Radiation Monitoring former Phosphate Mine \_ Polk County  
**Attachments:** north of US 17 and south of existing CPP.kmz

Good Morning Mr. Garth:

Thank you for contacting the Bureau of Radiation Control. According to our Environmental Radiation Section, we have no data points for the mine referenced below as it was closed long before pre and post mining began.

Sincerely,

*Brenda Andrews*

Brenda P. Andrews, Management Review Specialist  
Personnel Liaison  
Six Sigma Green Belt Certified  
Bureau of Radiation Control  
4052 Bald Cypress Way, Bin C-21  
Tallahassee, FL 32399  
Telephone: 850.901.6568 Cell: 850-528-4691 Fax: 850.617.6443

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**Department of Health Mission:**

To protect, promote & improve the health of all people in Florida through integrated state, county, & community efforts.

How am I doing? Please let me know by taking this short survey. Thank you! <https://www.surveymonkey.com/r/fpgmqlw>

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

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**From:** Chris Garth [<mailto:cgarth@tierraeng.com>]  
**Sent:** Thursday, March 28, 2019 8:39 AM  
**To:** zzzz Feedback, HSER <[HSER.zzzzFeedback@flhealth.gov](mailto:HSER.zzzzFeedback@flhealth.gov)>  
**Subject:** (19 03 ERCWEB 060 I) Radiation Monitoring former Phosphate Mine \_ Polk County

Sir/Madam,

I am performing a Contamination Screening Evaluation for a project corridor approximately 6 miles long, located north of US 17 and south of the existing Polk Parkway (see attached file) located just north of Bartow in Polk County. I am in search of any radiation/radon air, soil and/or groundwater assessments and/or testing results within or near (within ¼ mile) the project corridor. We understand the area was formerly a phosphate mine and that radium

testing is required pre and post mining, and post reclamation. Any assessments/test results for radium/radon is helpful. If you do not have this information, I would appreciate if you could provide a name/contact who might have this info. Please call or email if you have questions or concerns.

Thanks,  
Chris Garth, LEP  
Senior Scientist

**TIERRA, INC.**

7351 Temple Terrace Highway | Tampa, Florida 33637

T 813.989.1354 | F 813.989.1355 | C 813.766.0269

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geotechnical environmental materials engineering

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## Chris Garth

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**From:** Superfund <support@superfund.zendesk.com>  
**Sent:** Friday, October 11, 2019 9:51 AM  
**To:** Chris Garth  
**Subject:** [Request received] Form submission from: Superfund Contact Us About Superfund form

##- Please type your reply above this line -##

Your request (5298) has been received and is being reviewed by our support staff.

To add additional comments, reply to this email.



### Chris Garth

Oct 11, 9:50 AM EDT

Submitted on 10/11/2019 9:50AM

Submitted values are:

Name: Chris Garth

Email: [cgarth@tierraeng.com](mailto:cgarth@tierraeng.com)

Comments:

Please provide site assessment/investigation info via pdf for the following facility:

Superfund Site Information

IMC/CLEAR SPRINGS MINE (EPA ID: FLD000770420)

Site Information

Site Info | Aliases | Operable Units | Contaminants | Contacts

Administrative Records | Reports and Documents

Site Name: IMC/CLEAR SPRINGS MINE

Street: CLEAR SPRINGS RD

City / State / ZIP: BARTOW, FL 33830

NPL Status: Not on the NPL

Non-NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

EPA ID: FLD000770420

EPA Region: 04

County: POLK



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Federal Facility Flag: Not a Federal Facility  
We need you to show that you are human.: Rachel Carson

---

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DRAFT

Washer and Float Plant – Probably 91 Mine circa 194?  
Source: <https://www.floridamemory.com/items/show/141737>  
Image Number N032275

