

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

**UNION COUNTY  
HARTSFIELD PROPERTY  
20185 NE 118<sup>TH</sup> STREET  
LAKE BUTLER, FLORIDA  
ACRES NO. 264794**

**PPM PROJECT NO. 20165101.TASK 23**

**APRIL 3, 2025**



**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

**AT**

**HARTSFIELD PROPERTY  
20185 NE 118<sup>TH</sup> STREET  
LAKE BUTLER, FLORIDA 32054  
ACRES NO. 264794**

**PREPARED FOR:**



**UNION COUNTY, FLORIDA  
15 NE 1<sup>ST</sup> STREET  
LAKE BUTLER, FLORIDA 32054**

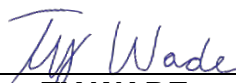
**EPA COOPERATIVE AGREEMENT BF-02D29322-0**

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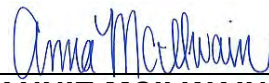
**PREPARED BY:**

**REVIEWED BY:**



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**TY WADE  
STAFF SCIENTIST**



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**ANNIE MCILWAIN, P.E.  
DISTRICT MANAGER**

**PPM CONSULTANTS, INC.  
30704 SERGEANT E. I. "BOOTS" THOMAS DRIVE  
SPANISH FORT, ALABAMA 36527  
(251) 990-9000**

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## EXECUTIVE SUMMARY

PPM Consultants, Inc. (PPM) was retained by Union County, Florida to conduct a Phase I Environmental Site Assessment (ESA) of the Hartsfield Property (the subject property) located at 20185 NE 118<sup>th</sup> Street in Lake Butler, Florida. The purpose of this assessment was to identify recognized environmental conditions (REC) in connection with the subject property by means of interviews, review of record information, and site reconnaissance. The environmental assessment was conducted in conformance with the scope of American Society for Testing and Materials (ASTM) International Standard Practice E1527-21.

PPM conducted the site reconnaissance on March 10, 2025. The subject property consists of a 6.90-acre parcel of undeveloped and wooded land (Parcel Number 22-05-20-00-000-0163-0). There is a small grassy clearing with a family cemetery located on the southeast portion of the subject property. Historical aerial photographs indicate the subject property was undeveloped and wooded land from at least 1938 to at least 1949. The southeast portion of the subject property was cleared in aerials beginning in 1964 and developed with the existing cemetery. The remainder of the subject property has been undeveloped and wooded land since at least 1938 until the time of site reconnaissance.

Properties surrounding the subject property consist of wooded land and a residence. The site is bordered to the north by wooded land; to the east by a clear cut that is undeveloped; to the south by NE 118<sup>th</sup> Street and SW State Road 121, followed by agriculture/undeveloped land; and to the west by wooded land and a residence. Historical records indicate that the adjoining property to the north and east was undeveloped and wooded land since at least 1938. Historical records indicate that the adjoining property to the south was developed with NE 118<sup>th</sup> Street and SW State Road 121, followed by undeveloped and wooded land from at least 1938 to 1981 and has consisted of agriculture/undeveloped land since 1981. The adjoining property to the west consisted of undeveloped wooded land from at least 1938 until 1994 and has consisted of wooded land and a residence since 1994.

This assessment has revealed no evidence of RECs, controlled recognized environmental conditions (CREC), and/or significant data gaps (SDG) in connection with the subject property.



## 1.0 INTRODUCTION

### 1.1 PROPERTY IDENTIFICATION

<b>Property Name:</b>	Hartsfield Property			
<b>Current Property Owner:</b>	Joseph Hartsfield			
<b>Current Site Use:</b>	Undeveloped wooded land and small family cemetery			
<b>Land Area in Acres:</b>	±6.90 acres			
<b>Street Address:</b>	20185 NE 118 <sup>th</sup> Street			
<b>County/Parish:</b>	Union County			
<b>City, State, Zip Code:</b>	Lake Butler, Florida 32054			
<b>UTM Coordinates:</b>	30°02'41.03	<b>Latitude</b>	82°16'59.35	<b>Longitude</b>
<b>Tax Parcel ID(s):</b>	22-05-20-00-000-0163-0			
<b>Date of Site Visit:</b>	March 10, 2025			
<b>Attachments:</b>	Site location is shown in <b>Figure 1, Site Location Map</b> , in <b>Figures</b> . Photographs of the subject property and adjoining properties are provided in <b>Appendix B, Site Photographs</b> .			
	Subject property and adjoining properties are shown in <b>Figure 2, Site / Area Map</b> , in <b>Figures</b> .			
	Legal description (if obtained) is provided in <b>Appendix E, Other Documentation</b> .			

### 1.2 PURPOSE

PPM Consultants, Inc. (PPM) was retained by Union County, Florida, the client/primary user, to conduct a Phase I Environmental Site Assessment (ESA) of the above-referenced property in accordance with American Society for Testing and Materials (ASTM) Standard Practice E1527-21. The purpose of the ASTM Standard Practice E1527-21 is:

*“to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35)(B).*



The goal of the process established by this practice is to identify recognized environmental conditions (REC) associated with the subject property. The term REC is defined by Practice E1527-21 as:

*“the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs.”* Release to the environment entails the migration or movement of hazardous substances or petroleum products in any form, including solids and liquids at the surface or subsurface, and vapor in the subsurface to, within, or from the property. If such conditions exist on the property, and are not de minimis, the condition is a REC.

Key terms used in this report that are specifically defined by Practice E1527-21 are provided in **Section 9.0, Glossary of Key Terms**.

### **1.3 CONTINUED VIABILITY AND USER RELIANCE**

ASTM defines the “user” as the party seeking to use Practice E1527-21 to complete an ESA of the subject property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The findings and conclusions contained within this report may not be used or relied upon by any other parties without the written consent of the client/primary user that contracted PPM to conduct this assessment and PPM. The client/primary user may designate other users who may rely on this report. All users currently identified by the client/primary user are named in **Section 2.1, Users of Report**.

In accordance with the ASTM practice, AAI components (interviews, government records, site reconnaissance, and declaration of environmental professional) must be completed or updated no more than 180 days prior to date of acquisition or intended transaction, and all other components must be updated within one year. Dates of AAI components are listed in the following table:

<b>AAI Component</b>	<b>Date</b>
Interviews	March 14, 2025
Environmental Risk Information Services (ERIS) Radius Report	February 27, 2025
Regulatory Agency File Review	March 14, 2025
Site Reconnaissance	March 10, 2025
Declaration of Environmental Professional	April 3, 2025

If a party different from the original user(s) intends to use this report, the subsequent user(s) must also satisfy the following requirements at a minimum:

- Obtain written authorization to rely on this report from the original client/primary user and PPM.
- Fulfill the User’s Responsibilities outlined in **Section 2.0, User Provided Information**.
- Contract PPM to update the report if the original report is over 180 days and less than one year old.

If the report is greater than one year old at the time of acquisition by any user, no part of the report can be relied upon in order to satisfy AAI.

## **2.0 USER PROVIDED INFORMATION**

### **2.1 USERS OF REPORT**

Union County, Florida contracted PPM to perform this Phase I ESA and is considered the client and the user of this report. The contact for Union County, Florida is County Coordinator James Williams. Mr. Williams did not designate any other users for this report. Funding for this Phase I ESA is provided by the United States Environmental Protection Agency (EPA) under a Brownfields Assessment Grant awarded to Union County, Florida in 2022. Information generated by this Phase I ESA will be reported to the EPA Project Officer. The EPA Project Officer has no knowledge of the property beyond what is provided to them during the assessment process and will not “use” this information for the purpose of property acquisition by the EPA.

### **2.2 USER QUESTIONNAIRE**

The “All Appropriate Inquiries” Final Rule (40 CFR Part 312) requires that certain tasks be performed by or on behalf of a party seeking to qualify for LLP to CERCLA liability (i.e. the user). While such information is not required to be provided to the environmental professional (i.e. PPM), the environmental professional must request information from the user to assist in identifying RECs. The User Questionnaire found in Appendix X3 of Practice E1527-21 was sent to Mr. Williams. As of the date of this report, no response has been received. Additional information provided by the user regarding their knowledge of environmental conditions at the subject property are provided in **Section 5.0, Interviews**.

## **2.3 ENVIRONMENTAL LIENS AND ACTIVITY USE LIMITATIONS**

The primary user/client contracted PPM to conduct a search of land title records for environmental liens or activity and use limitations (AUL) filed or recorded against the subject property. The title search was performed by ERIS. This search revealed there were no environmental liens or AULs filed or recorded against the subject property. The title search results are provided in **Appendix D**.

## **2.4 OTHER INFORMATION PROVIDED BY USER**

Other information provided by the user includes the following:

- The user stated that the reason for performing the Phase I ESA was to assess selected brownfield sites under the EPA Brownfields Assessment Grant.
- The user indicated the subject property consists of an undeveloped and wooded parcel of land.
- The user identified Joseph Hartsfield as the owner of the subject property. Mr. Hartsfield can be contacted at (904) 463-4455.

## **2.5 USER SPECIFIED TERMS, CONDITIONS, AND LIMITATIONS**

The primary user/client did not request or specify any special terms, conditions, limitations, or considerations that would limit, deviate from, reduce, or add to the scope of this assessment with respect to Practice E1527-21.

# **3.0 SITE RECONNAISSANCE**

## **3.1 METHODOLOGY**

The objective of the site reconnaissance is to visually and physically observe the subject property and the adjoining properties for any uses or conditions that may indicate the likelihood of RECs in connection with the subject property. During the site reconnaissance, PPM visually inspected the grounds and structures (if any) on the subject property to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles. Interior and exterior inspections focused on practices that may involve the use, treatment, storage, disposal, generation, or release of hazardous substances or petroleum products. Exterior and interior observations were made of the subject property. Observations of adjoining properties were made from the subject property and surrounding public thoroughfares and adjoining properties.



Site reconnaissance did not include invasive or physical inspections of observed releases, such as ground disturbance to determine the thickness of a spill, or opening and inspecting the contents of vaults, manholes, storage tanks, drums, and other containers suspected to contain hazardous substances or petroleum products. For large or complex properties, special methods of observation (for example, grid patterns or other systematic approaches) may have been developed by the environmental professional in order to satisfy the objective of the assessment in a timely and cost-effective manner.

For this assessment, there was no special methodology used to inspect the subject property.

### 3.2 LIMITING CONDITIONS ENCOUNTERED DURING SITE VISIT

General limitations and basis of review, including limitations imposed by physical obstructions such as adjacent buildings, bodies of water, asphalt, or other paved areas, and other physical constraints (e.g. snow, rain, flooding, dense vegetation, etc.) shall be noted during the site visit and documented in the report. Limiting conditions may also include potentially unsafe conditions to physical safety (e.g. criminal activity, vagrancy, seclusion, animals, dilapidated structures, uncontrolled hazardous wastes, etc.); inaccessible areas (e.g. locked gates, rooms, and buildings); and the absence of a key site manager who could provide information about observed conditions or full and safe access to the subject property during the site reconnaissance.

Due to the heavy vegetation, portions of the subject property could not be safely assessed.

### 3.3 SUBJECT PROPERTY OBSERVATIONS

SUBJECT PROPERTY LAND USES
The subject property consists of a 6.90-acre parcel of undeveloped and wooded land (Parcel Number 22-05-20-00-000-0163-0). A small grassy clearing with a family cemetery is located on the southeast portion of the subject property.
<b>Were any of the following conditions observed or suspected on the subject property?</b>
<b>Condition</b>
<b>Structures &amp; Improvements:</b> None observed
<b>On-Site Roads and Parking:</b> None observed
<b>Adjoining Roads:</b> NE State Road 121 and NE 118 <sup>th</sup> Street adjoin the subject property to the south.
<b>Potable Water Supply/Source:</b> None observed
<b>Sewage Disposal System:</b> None observed.
<b>Hazardous Substance Usage:</b> None observed
<b>Petroleum Product Usage:</b> None observed
<b>Storage Tanks:</b> None observed
<b>Strong Odors &amp; Sources:</b> None observed
<b>Standing Surface Water, Pools, or Sumps Containing Liquids:</b> None observed



<b>Drums, Totes, &amp; Intermediate Bulk Containers:</b> None observed
<b>Hazardous Substance and Petroleum Product Containers not Connected with Identified Uses:</b> None observed
<b>Unidentified Substance Containers:</b> None observed
<b>PCB-containing Items:</b> None observed
<b>Heating/Cooling System:</b> None observed
<b>Stains or Corrosion on Floors, Walls, or Ceilings:</b> None observed
<b>Drains, Sumps, &amp; Oil/Water Separators:</b> None observed
<b>Pits, Ponds, &amp; Lagoons:</b> An un
<b>Stained Soil or Pavement:</b> None observed
<b>Stressed Vegetation:</b> None observed
<b>Solid Waste Disposal:</b> None observed
<b>Waste Water:</b> None observed
<b>Wells:</b> None observed

### 3.4 ADJOINING PROPERTY OBSERVATIONS

ADJOINING LAND USES	
<b>North</b>	Currently and previously undeveloped and wooded land.
<b>East</b>	Currently clear cut and undeveloped land previously undeveloped and wooded land.
<b>South</b>	Currently and previously developed with NW 118 <sup>th</sup> Street, followed by NE State Road 121 and undeveloped agriculture/wooded land.
<b>West</b>	Currently developed with undeveloped and wooded land and a residence. Previously undeveloped and wooded land.

Were any of the following conditions observed or suspected on an adjoining property?	
Condition	
<b>Waste Water:</b>	None observed
<b>Pits, Ponds, &amp; Lagoons:</b>	None observed
<b>Storage Tanks:</b>	None observed
<b>Drums, Totes, &amp; Other Bulk Containers:</b>	None observed
<b>Abandoned Containers:</b>	None observed
<b>Unidentified Substance Containers:</b>	None observed
<b>PCB-containing Items:</b>	None observed
<b>Strong Odors &amp; Sources:</b>	None observed
<b>Stressed Vegetation:</b>	None observed
<b>Stained Soil or Pavement:</b>	None observed
<b>Solid Waste Disposal:</b>	None observed
<b>Wells:</b>	None observed

### 3.5 SURROUNDING AREA OBSERVATIONS

SURROUNDING AREA LAND USES
No suspect land uses were identified in the vicinity of the subject property.

## 4.0 RECORDS REVIEW

### 4.1 PHYSICAL SETTING SOURCES

#### 4.1.1 Mandatory Standard Physical Setting Resources

PPM reviewed the most recent United States Geological Survey (USGS) 7.5 Minute Topographic Map dated 2021 for the Lake Butler, FL Quadrangle in which the subject property is located. The map is used as the base map for **Figure 1**. According to this map, the elevation at the subject property ranges from approximately 146 to 154 feet above mean sea level (AMSL) and the area topography slopes to the southeast and east. Groundwater flow direction is interpreted to be to the southwest and west. Notable geographical features in the surrounding area include: a pond on the nearby property located approximately 450 feet to the north-northwest. Based on the relative elevation between the subject property (146 to 154 feet AMSL) and the nearest perennial body of surface water (146 feet AMSL), the depth to groundwater beneath the subject property is estimated to be between 0 and 8 feet below ground surface (BGS).

#### 4.1.2 Discretionary and Non-Standard Physical Setting Resources

In the evaluation of offsite sources of hazardous substances and petroleum products, the ASTM E 1527-21 standard practice requires that known or suspected releases to the surface and subsurface be evaluated for their potential to migrate from the source of release to the subject property. The primary concern for migration in the subsurface environment is via groundwater; however, the standard practice also requires the evaluation of vapor migration. Vapor migration or encroachment in the subsurface is described in ASTM E 2600, which is not required to be applied to achieve compliance with AAI; however, E2600 does develop areas of concern (AOC) critical distances for vapor encroachment that are based on studies of groundwater plume lengths; therefore, can be used as defensible AOC search distances for both vapor and groundwater migration.

In the development of AOC search critical distances for vapor encroachment screening per ASTM E 2600, Paper 2011-A-301-AWMA, *Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration for nearby Contaminated Sources*, by Anthony J. Buonicore, cited several research papers that established the 90<sup>th</sup> percentile dissolved-phase plume lengths for volatile petroleum and non-petroleum releases to be less than approximately 390 feet and 1,590 feet, respectively. Based on their cited experience, the AOCs for vapor migration potential were expanded to 528 feet

for petroleum and 1,760 feet for non-petroleum volatile organic compounds (VOC) for releases from up-gradient sources. These critical distances were regarded as conservative or based on relatively favorable conditions for both groundwater migration in the saturated zone and vapor migration in the vadose or unsaturated zone.

For cross-gradient sources where groundwater migration to the subject property is not considered likely, the AOC critical distances for vapor migration were reduced to 95 feet for dissolved-phase petroleum, 165 feet for free product or light non-aqueous phase liquid (LNAPL) petroleum, and 365 feet for non-petroleum. The corresponding logic was that cross-gradient groundwater migration potential to the subject property is less than that of vapor migration.

For down-gradient sources where groundwater migration to the subject property is not considered likely, the AOC critical distances for vapor migration were reduced to 30 feet for dissolved-phase petroleum, 100 feet for LNAPL petroleum, and 100 feet for non-petroleum. The corresponding logic with each of these AOC gradient scenarios for VOC releases is that: (1) the potential distance for groundwater migration is less than the potential distance of groundwater plus vapor migration; (2) vapor can migrate independent of its groundwater source; (3) a REC can exist for vapor migration only; (4) a groundwater REC is also a vapor REC; and therefore (5) the vapor migration AOCs can also be used to conservatively evaluate groundwater migration.

The use of these AOC critical distances to evaluate non-volatile chemicals of concern (COC) would be unreasonably excessive in that they: (1) do not produce vapors and (2) are typically considerably less soluble therefore are less mobile in groundwater. Instead, non-volatile COC releases will generally be evaluated as a subject or adjoining property issue.

To be conservative with petroleum releases using this initial screening, PPM utilizes the AOC critical distances for petroleum releases with free product. With the exceptions listed below, all known or suspected releases beyond the AOC critical distances for vapor migration will not be considered RECs in connection with the subject property. All known or suspected releases within the AOC critical distances will be further evaluated either through document review, interviews, or further evaluation of the physical setting. For example, the presence of a hydraulic barrier such as a creek will also serve as a barrier to vapor migration. If definitive information cannot be found that can be used to eliminate a known or suspected release as a REC, then its presence within a relevant AOC critical distance will be considered a REC due to vapor migration at a minimum.

The exceptions are: (1) Federal National Priority List (NPL) and Resource Conservation and Recovery Act (RCRA) transport, storage, and disposal (TSD) facilities, which require additional record review per ASTM E1527-21 Sections 8.2.2 and 8.2.3; and (2) PPM’s personal or specialized knowledge of releases in the area that have the potential to migrate further than these critical distances; (3) personal or specialized knowledge of releases or vapors reported by the subject property owner, manager, or occupants.

#### 4.1.3 AOC Site Conceptual Model

Based on the Physical Setting review, the known/inferred groundwater flow direction in the study area is toward the southeast and south; therefore, the AOC critical distances for this assessment are as follows:

Contaminant Type	Gradient, Direction, Distance (feet)		
	Up-gradient	Cross-gradient	Down-gradient
	North, Northeast, and East	Northwest, South, and Southeast	West and Southwest
Non-Petroleum VOC	1,760	365	100
Petroleum LNAPL	528	165	100

There were no modifications made to the AOC distances for this investigation.

## 4.2 REGULATORY RECORD REVIEW

PPM retained the services of ERIS, a third-party database provider, to provide information available from state, local tribal, and federal databases regarding reported environmental activities and releases in the vicinity of the subject property. This information, along with other government record sources obtained during the assessment, were reviewed to help determine the likelihood of hazardous substances or petroleum products impacting the subject property.

### 4.2.1 Standard Environmental Record Sources

As allowed by Section 8.1.2.1 of the Standard Practice, the approximate minimum search distance (AMSD) for standard environmental record sources can be adjusted at the discretion of the environmental professional in consideration of such factors as: (1) the density of the setting in which the subject property is located; (2) the distance that the hazardous substances or petroleum products are likely to migrate subject to local geologic or hydrogeological conditions; (3) the property type; (4) existing or past uses of surrounding properties; and

(5) other reasonable factors. Per ASTM, the only AMSDs that cannot be adjusted downward are for Federal NPL and Federal RCRA TSD records. If an AMSD was adjusted, the adjusted AMSD will be the AMSD used in the confirmed column. For the subject property, there was no adjustment to the standard AMSDs.

The third-party database vendor provided the following standard environmental record sources:

SUMMARY OF THIRD-PARTY DATABASE REVIEW					
Type of Site (Abbreviations used in subsequent tables are in parentheses)		Search Distance		Number Identified	
		Standard AMSD	Adjusted AMSD	Potential within AMSD	Confirmed within AMSD
Federal Lists	NPL or Superfund (NPL)	1.0 mile		0	0
	Delisted NPL sites (DNPL)	0.5 Mile	N/A	0	0
	CERCLA Removals and Orders (RAO)	0.5 Mile	N/A	0	0
	CERCLIS with NFRAP (NFRAP)	0.5 Mile	N/A	0	0
	RCRA undergoing Corrective Action (RCA)	1.0 Mile	N/A	0	0
	RCRA Transport, Storage, Disposal Facilities (TSD)	0.5 Mile		0	0
	RCRA Generator (GEN)	Subject and Adjoining		0	0
	Institutional/Engineering Control (IC/EC)	Subject Property		0	0
	ERNS	Subject Property		0	0
State/Tribal Lists:	Superfund Equivalent (SNPL)	1.0 Mile	0	0	0
	Hazardous Waste Facilities (HWF)	0.5 Mile	N/A	0	0
	Landfill (LF)/Solid Waste Disposal (SWD)	0.5 Mile	N/A	0	0
	Leaking Storage Tank (LST)	0.5 Mile	N/A	0	0
	Registered Storage Tank (RUST/RAST)	Subject and Adjoining		0	0
	Institutional/Engineering Control (IC/EC)	Subject Property		0	0
	Voluntary Cleanup Sites (VCP)	0.5 Mile	N/A	0	0
	Brownfields Sites (BF)	0.5 Mile	N/A	0	0
Database Provider:	ERIS				
Attachments:	Regulatory Record documents are provided in <b>Appendix C, Regulatory Research Documentation</b> .				

#### 4.2.2 Preliminary Screening of Standard Environmental Record Sources

The first stage of evaluating Standard Sources will consider critical and non-critical factors stated or implied by the Standard Practice. Critical factors are conditions that will require further investigation in order to determine that the condition represents a REC in connection with the subject property. Critical factors include (1) conditions existing on the subject property or on an adjoining property; (2) a Standard Source listing as a Federal NPL or Federal RCRA TSD facility; and (3) a Standard Source listing being located within a relevant AOC Critical Distance (see **Section 4.1.3, AOC Site Conceptual Model**).

Conditions existing on the subject property or on an adjoining property, Federal NPL facilities, and Federal RCRA TSD facilities will automatically proceed to further investigation by record review (**Section 4.2.3, Additional Regulatory File Review**), interviews, or observation.

Other Standard Source Listings will be further screened in this section based on the nature of the COCs, which are either non-petroleum volatiles, petroleum (assumed to be free product), or non-volatiles [such as metals, polynuclear aromatic hydrocarbons (PAH), and other semi-volatile organic compounds (SVOC)]; known or inferred groundwater gradient orientation relative to the subject property (up, cross, or down); and distance from the subject property in feet. If the nature of the released COC is unknown at this stage, the preliminary screening will assume the COCs are worst-case non-petroleum volatiles. Unless the database provider indicates otherwise, it is assumed a release from a commercial LST is free product petroleum. Standard Source listings located outside an AOC Critical Distance are concluded to not represent RECs in connection with the subject property; therefore, are eliminated from further discussion in this report. Standard Source listings located inside an AOC Critical Distance will proceed to **Section 4.2.3, Additional Regulatory File Review**.

Several additional Standard Source sites were listed in the Unplottable Summary on the ERIS database report, which included four SPILLS sites, one aboveground storage tank (AST) site, one underground storage tank (UST) site, and one DWM CONTAM site. These sites were identified as being located greater than 1,760 feet from the subject property. Based on the separation distance, these listings are eliminated from further discussion in this report.

No additional Standard Source Sites were identified by the ERIS database report.

### **4.2.3 Additional Regulatory File Review**

There were no additional regulatory records reviewed during this assessment.

## **4.3 OTHER ENVIRONMENTAL RECORDS**

There were no other environmental records files reviewed during this assessment.

## **4.4 HISTORICAL RECORDS REVIEW**

### **4.4.1 Historical Records Inventory**

Historical records with information sources reviewed are summarized in the following table:



Year(s)	Record	Source	Year(s)	Record	Source
1938	AERIAL	ERIS	2008	CD	ERIS
1949	AERIAL	ERIS	2010	AERIAL	ERIS
1964	AERIAL	ERIS	2011	CD	ERIS
1966	TOPO	ERIS	2013	AERIAL	ERIS
1971	AERIAL	ERIS	2015	TOPO	ERIS
1981	AERIAL	ERIS	2016	CD	ERIS
1983	AERIAL	ERIS	2017	AERIAL	ERIS
1984	TOPO	ERIS	2019	AERIAL	ERIS
1993	TOPO	ERIS	2020	CD	ERIS
1994	AERIAL	ERIS	2021	AERIAL	ERIS
1999	AERIAL	ERIS	2021	TOPO	ERIS
2000	CD	ERIS	2023	AERIAL	ERIS
2003	CD	ERIS	2023	CD	ERIS
2005	AERIAL	ERIS	2025	INTERVIEW	
2007	AERIAL	ERIS			
<b>What was the first year of subject property use?</b>			Between 1949 and 1964		
<b>Was subject property history determined back to first use or 1940 whichever is earliest?</b>			Yes		
<b>Were all record intervals after first use 5 years or less?</b>			No		
<b>See Section 6.0, Findings and Opinions for further discussion of data failure.</b>					
<i>Notes:</i> Sources may be Fire Insurance Maps (FIRE) such as Sanborn, USGS Topographic Maps (TOPO), Aerial Photographs (AERIAL), City Directories (CD), Building Department Records (BLDG), Property Tax Files (TAX), Zoning/Land Use Records (ZONE), Title Records (TITLE), or Interviews with Owners and Others (INTERVIEW). Copies of Historical Records Documentation is provided in <b>Appendix D, Historical Records Documentation</b> .					

#### 4.4.2 Subject Property Historical Summary

Years	Subject Property Conditions
1938-2024	The subject property was undeveloped and wooded land from at least 1938 until 1964. The subject property was developed with a small family cemetery from at least 1964 and was present onsite at the time of site reconnaissance. The remainder of the subject property has been undeveloped and wooded land since at least 1938. The Chain of Title indicates the subject property was purchased by Doyle E. Varnes from Jake L. Varnes in 1974. The Chain of Title indicates the subject property was purchased by Doyle E. Varnes by Carl L. Varnes in 2020. The Chain of Title indicates that the subject property was purchased by Gary E. Bell from Doyle E. Varnes in 2020. The Chain of Title indicates that the subject property was purchased by Joseph R. Hartsfield from Gary E. Bell in 2022.
2025	PPM's site reconnaissance determined the subject property to consist of wooded land and a cleared grassy area with a small family cemetery

#### 4.4.3 Adjoining Property Historical Summary

Years	Adjoining Property Conditions
1938-1981	North – undeveloped and wooded land East – undeveloped and wooded land South – NW 118 <sup>th</sup> Street and SW State Road 121, followed by undeveloped and wooded land West – undeveloped and wooded land



1981-- 1994	North – undeveloped and wooded land East – undeveloped and wooded land South – NW 118 <sup>th</sup> Street and SW State Road 121, followed by agriculture/undeveloped land West – undeveloped and wooded land
1994-- 2025	North – undeveloped and wooded land East – undeveloped and wooded land South – NW 118 <sup>th</sup> Street and SW State Road 121, followed by agriculture/undeveloped land West – wooded land and a residence

#### 4.4.4 Surrounding Property Historical Summary

No suspect land uses were identified in the vicinity of the subject property.

### 5.0 INTERVIEWS

PPM conducted interviews, when possible, with individuals who may have knowledge of the subject property and surrounding area. The objective of interviews is to obtain information from persons likely to have actual knowledge of current and past uses or conditions of the property, adjoining properties, and surrounding area that may indicate the likelihood of recognized environmental conditions in connection with the subject property. The focus and quality of information is highly variable with each type of contact and individual. The persons interviewed were asked to be as specific as reasonably feasible in answering questions. Interview information is provided below:

INTERVIEW WITH SUBJECT PROPERTY OWNER	
<b>Interviewer:</b>	Mr. Ty Wade
<b>Date(s) Attempted:</b>	March 31, 2025
<b>Name of Contact:</b>	Mr. Joseph Hartsfield
<b>Title / Affiliation:</b>	Subject property owner
<b>Contact Information:</b>	(904) 463-4455
<p>Mr. Hartsfield stated the following:</p> <ul style="list-style-type: none"> <li>• He had no knowledge of any spills, leaks, or releases of petroleum products and/or hazardous substances onto the subject property.</li> <li>• Mr. Hartsfield stated he has owned the subject property for around two years.</li> <li>• He had no knowledge of any septic tanks or other subsurface tanks on the subject property.</li> <li>• Stated he had seen some empty 5-gallon buckets of hydraulic fluid around the subject property in the past.</li> </ul>	



<b>INTERVIEW WITH PRIMARY USER/CLIENT</b>	
<b>Interviewer:</b>	Ms. Jenny Black
<b>Date(s) Attempted:</b>	February 17, 2025
<b>Name of Contact:</b>	Mr. James Williams
<b>Title / Affiliation:</b>	County Coordinator / Union County
<b>Contact Information:</b>	(386) 496-0027 / <a href="mailto:countycoord@unioncounty-fl.gov">countycoord@unioncounty-fl.gov</a>
Mr. Williams provided project authorization to PPM. Mr. Williams was also sent a Phase I ESA User Questionnaire and as of the date of this report, no response has been received.	

<b>INTERVIEW WITH OWNER REPRESENTATIVE</b>
Same as the subject property owner.

<b>INTERVIEW WITH PAST OWNER</b>
PPM was not able to contact the past owners because their contact information was not provided.

<b>INTERVIEW WITH KEY SITE MANAGER</b>
Same as the subject property owner.

<b>INTERVIEW WITH OCCUPANT</b>
There is no occupant because the subject property is currently undeveloped land.

<b>INTERVIEW WITH ADJOINING OWNER/OCCUPANT</b>
Interviews with adjoining owners/occupants were not conducted because the subject property is not abandoned.

<b>INTERVIEW WITH STATE/LOCAL AGENCY OFFICIAL</b>
The FDEP was not contacted due to the number of regulatory records available online

<b>INTERVIEW WITH STATE/LOCAL AGENCY OFFICIAL</b>	
<b>Interviewer:</b>	Mr. Ty Wade
<b>Date(s) Attempted:</b>	March 14, 2025
<b>Name of Contact:</b>	Mr. Toby Witt
<b>Title / Affiliation:</b>	Director / Union County Emergency Services
<b>Contact Information:</b>	(386) 496-3839 / <a href="mailto:emsdirector@unioncounty-fl.gov">emsdirector@unioncounty-fl.gov</a>
Mr. Witt was contacted to determine if there are records of response to hazardous substance or petroleum product releases on or in the vicinity of the subject property. As of the date of this report no response has been received.	

## **6.0 FINDINGS AND OPINIONS**

This section identifies those features, activities, uses, and conditions that in the judgement of the environmental professional may indicate the presence or likely presence of hazardous substances or petroleum products at the subject property. This information includes a summary of relevant findings from all sources discussed previously (site reconnaissance, government records, physical setting sources, interviews, historical sources, etc.). The opinions provided below include PPM's rationale for concluding that a finding is or is not a RECs, controlled recognized environmental condition (CREC) historical recognized environmental condition (HREC), or de minimis condition insofar as the findings pertain to each of these conditions. If a significant data gap (SDG) is identified, PPM commented how the missing information that caused the SDG affected our ability to provide an opinion as to whether the inquiry has identified conditions indicative of releases or threatened releases in, on, or at the subject property. If there is a SDG, a discussion is provided regarding whether additional information would likely assist PPM in determining whether a REC or CREC exists.

### **6.1 DATA GAPS**

Data gaps encountered by this investigation are as follows:

- Data failure identifying subject property use consistently at five-year intervals.
- Data failure due to the inability to thoroughly observe portions of the subject property due to heavy vegetation.

Because PPM was able to make reasonable conclusions regarding RECs, PPM does not consider these data gaps encountered to represent SDGs.

### **6.2 SUBJECT PROPERTY**

#### **6.2.1 Historical Property Uses**

Historical aerial photographs indicate the subject property was undeveloped and wooded land from at least 1938 to at least 1949. The southeast portion of the subject property was cleared off in aerials beginning in 1964 and developed with the cemetery that was present at the time of site reconnaissance. The remainder of the subject property has been undeveloped and wooded land since at least 1938 until the time of site reconnaissance. The historical uses of the subject property do not represent a REC.

## **6.2.2 Current Property Uses**

The subject property consists of a 6.90-acre parcel of undeveloped and wooded land (Parcel Number 22-05-20-00-000-0163-0). There is a small grassy clearing with a private family cemetery located on the southeast portion of the subject property. The current use of the subject property does not represent a REC.

## **6.3 ADJOINING/SURROUNDING LAND USES**

### **6.3.1 Historical Uses**

Historical records indicate that the adjoining property to the north and east was undeveloped and wooded land since at least 1938. Historical records indicate that the adjoining property to the south was developed with NE 118<sup>th</sup> Street and SW State Road 121, followed by undeveloped and wooded land from at least 1938 to 1981 and has consisted of agriculture/undeveloped land since 1981. The adjoining property to the west consisted of undeveloped wooded land from at least 1938 until 1994 and has consisted of wooded land and a residence since 1994. The historical uses of the adjoining/surrounding properties are not considered to represent RECs.

### **6.3.2 Current Uses**

Properties surrounding the subject property consist of wooded land and a residence. The site is bordered to the north by wooded land; to the east by a clear cut that is undeveloped; to the south by NE 118<sup>th</sup> Street and SW State Road 121, followed by agriculture/undeveloped land; and to the west by wooded land and a residence. The current uses of the adjoining/surrounding properties are not considered to represent RECs.

## **6.4 CONCLUSIONS**

PPM has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of the Hartsfield Property (the subject property) located at 20185 NE 118<sup>th</sup> Street in Lake Butler, Florida. Any exceptions to, or deletions from, this practice are described in **Sections 2.5, User Specified Terms, Conditions, and Limitations** of this report.

This assessment has revealed no evidence of RECs, CRECs, and/or SDGs in connection with the subject property.



## **6.5 ADDITIONAL INVESTIGATION OPINION**

In accordance with Practice E1527-21, PPM has provided an opinion regarding additional appropriate investigation, if any, in the circumstance when greater certainty is required regarding the identification of RECs. This opinion does not render the assessment incomplete and is not intended to constitute a recommendation for a Phase II ESA or other assessment activities. Recommendations are not required by this practice and will only be provided at the request of the user.

It is PPM's professional opinion that additional investigation is not warranted to detect the presence of hazardous substances or petroleum products beneath the subject property.

## **6.6 ENVIRONMENTAL PROFESSIONAL STATEMENT**

I, Annie McIlwain, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR § 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the AAI in conformance with the standards and practices set forth in 40 CFR Part 312. My signature is provided on the cover of this report. My environmental professional qualifications are provided in **Appendix F, Qualifications of Environmental Professionals**, of this report.

## **7.0 NON-SCOPE SERVICES**

PPM did not provide any additional services outside the scope of Practice E1527-21.

## 8.0 GLOSSARY OF KEY TERMS

The following is a list of key terms used in this report with definitions per Practice E1527-21:

***activity and use limitations (AUL):*** legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

***adjoining properties:*** any real property or properties the border of which is contiguous or partially contiguous with that of the subject property, or that would be contiguous or partially contiguous with that of the subject property but for a street, road, or other public thoroughfare separating them.

***bona fide prospective purchaser:*** a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from all appropriate inquiries would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase.

***business environmental risk:*** a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

***contiguous property owner:*** a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of the subject property and did not know or have reason to know that the subject property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection.

***controlled recognized environmental condition (CREC):*** recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).

***data failure:*** a failure to achieve the historical research objectives set by Practice E1527-21 even after reviewing the standard historical sources listed by Practice E1527-21 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

***data gap:*** a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

***de minimis condition:*** a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.

**environment:** CERCLA 42 U.S.C. § 9601(8) defines “environment” to mean (A) the navigable waters, the waters of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Magnuson-Stevens Fishery Conservation and Management Act [16 U.S.C. 1801 et seq.], and (B) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States.

**environmental lien:** a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property.

**environmental professional:** a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b).

**hazardous substance:** a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance*, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

**historical recognized environmental condition (HREC):** a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.

**innocent landowner:** One of the three Landowner Liability Protections (LLPs). A person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense.

**key site manager:** the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property.

**Landowner Liability Protections (LLPs):** landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

**material threat:** obvious threat which is likely to lead to a release and that, in the opinion of the environmental professional, would likely result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

**migrate/migration:** or the purposes of this practice, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

**obvious:** that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer.

**owner:** generally the fee owner of record of a property.

**petroleum products:** those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.)

**practically reviewable:** information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the subject property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the subject property or a geographic area in which the subject property is located are not generally practically reviewable. Most data-bases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered under-ground storage tanks), the records are not practically review-able unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much information is generated that it cannot be feasibly reviewed regarding its impact on the subject property, it is not practically reviewable.

**property:** real property, including buildings and other fixtures and improvements located on and affixed to the land.

**reasonably ascertainable:** information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

**recognized environmental condition:** 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;(2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment..

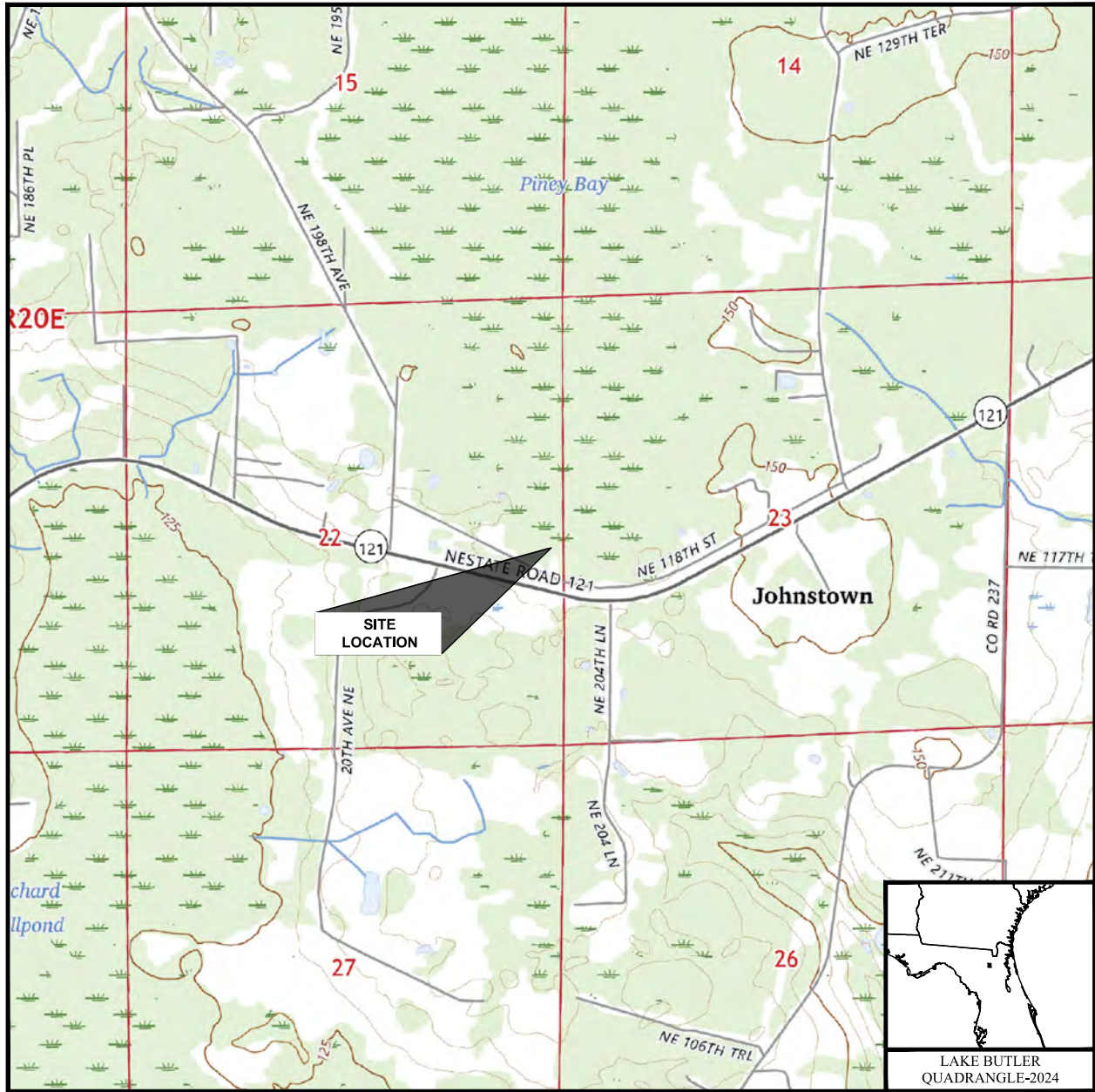
**release:** a release of any hazardous substance or petroleum product shall have the same meaning as the definition of “release” in CERCLA 42 U.S.C. § 9601(22)). The first element for establishing CERCLA liability is that there must be a release or threatened release of hazardous substances from a facility or a vessel. A release or threatened release of a hazardous substance includes any “spilling, leaking, lift, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment (including the abandonment or discarding of barrels, containers and other closed receptacles containing any hazardous substance, or pollutant or contaminant.”

**significant data gap:** a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.

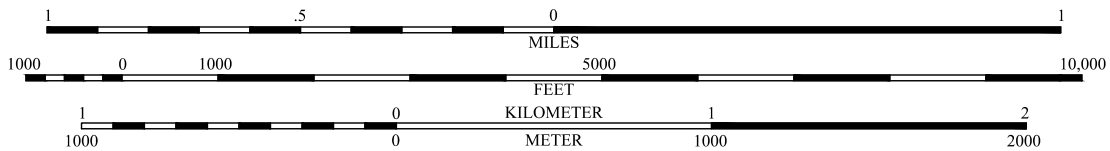
**subject property:** the property that is the subject of the environmental site assessment described in this practice.


**user:** the party seeking to use Practice E1527 to complete an environmental site assessment of the subject property.

## FIGURES



SCALE: 1 : 24,000



 <b>PPM CONSULTANTS, INC.</b> www.ppmco.com	
DRAWN BY: <b>BWH</b>	DRAWN DATE: <b>03/29/25</b>
PROJECT NUMBER: <b>20165101</b>	PHASE: <b>TASK 23</b>

**UNION COUNTY**  
**HARTSFIELD PROPERTY**  
 20185 NORTHEAST 118TH STREET  
 LAKE BUTLER, FLORIDA


**SITE LOCATION MAP**

FIGURE NUMBER

**1**



SOURCE: GOOGLE EARTH

 <b>PPM CONSULTANTS, INC.</b> www.ppmco.com	
DRAWN BY:	DRAWN DATE:
BWH	03/29/25
PROJECT NUMBER:	PHASE:
20165101	TASK 23

UNION COUNTY  
**HARTSFIELD PROPERTY**  
 20185 NORTHEAST 118TH STREET  
 LAKE BUTLER, FLORIDA

SITE / AREA MAP

FIGURE NUMBER

2

## **APPENDICES**

**APPENDIX A – USER PROVIDED INFORMATION  
(NOT PROVIDED)**

## **APPENDIX B – SITE PHOTOGRAPHS**



**PHOTOGRAPH 1**  
View of NE 118<sup>th</sup> St and State Road 121 adjoining the subject property to the south.



**PHOTOGRAPH 2**  
View of the south portion of the subject property and adjoining property to the west.



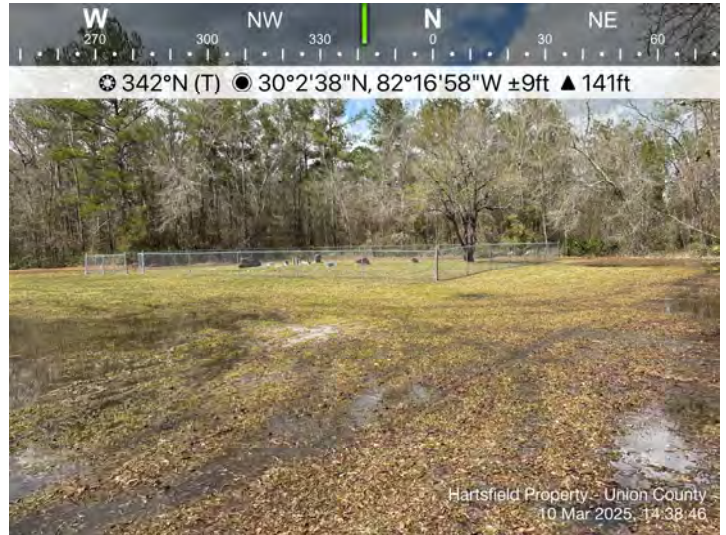
**PHOTOGRAPH 3**  
View of the adjoining property to the east.



**PHOTOGRAPH 4**  
View of the subject property, facing north.



**PHOTOGRAPH 5**  
View of the west portion of the subject property, facing northwest.



**PHOTOGRAPH 6**  
View of the cemetery on the southeast portion of the subject property.



**PHOTOGRAPH 7**  
View of the western boundary of the subject property, facing north.



**PHOTOGRAPH 8**  
View of NE 118<sup>th</sup> Street and wooded property to the south/southwest.

**APPENDIX C – REGULATORY RESEARCH DOCUMENTATION**



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# DATABASE REPORT

**Project Property:** *Hartsfield Property  
20185 NE 118th Street  
Lake Butler FL 32054*

**Project No:** *20165101.Task 23*

**Report Type:** *Database Report*

**Order No:** *25022100640*

**Requested by:** *PPM Consultants, Inc.*

**Date Completed:** *February 24, 2025*

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

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# Executive Summary

## Property Information:

**Project Property:** *Hartsfield Property  
20185 NE 118th Street Lake Butler FL 32054*

**Project No:** *20165101.Task 23*

### **Coordinates:**

**Latitude:** *30.04467147*  
**Longitude:** *-82.28350193*  
**UTM Northing:** *3,324,429.33*  
**UTM Easting:** *376,259.49*  
**UTM Zone:** *UTM Zone 17R*

**Elevation:** *147 FT*

## Order Information:

**Order No:** *25022100640*  
**Date Requested:** *February 21, 2025*  
**Requested by:** *PPM Consultants, Inc.*  
**Report Type:** *Database Report*

## Historicals/Products:

**Aerial Photographs** *Historical Aerials (with Project Boundaries)*  
**Chain of Title & Lien Searches** *ASTM E1527-21 Compliant Environmental Lien Search (back to 1980)*  
**City Directory Search** *CD - 2 Street Search*  
**ERIS Xplorer** [ERIS Xplorer](#)  
**Excel Add-On** *Excel Add-On*  
**Fire Insurance Maps** *US Fire Insurance Maps*  
**Physical Setting Report (PSR)** *Physical Setting Report (PSR)*  
**Topographic Map** *Topographic Maps*

# Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<b><u>Standard Environmental Records</u></b>								
<b>Federal</b>								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
<b>State</b>								
SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
ERIC	Y	1	0	0	0	0	0	0
CLEANUP DEP	Y	1	0	0	0	0	0	0
WCRPS	Y	1	0	0	0	0	0	0
DELISTED WCP	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
LST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
TANK	Y	0.25	0	0	0	-	-	0
DEL UST AST TANK	Y	0.25	0	0	0	-	-	0
DEL STORAGE TANK	Y	0.25	0	0	0	-	-	0
FF TANKS	Y	0.25	0	0	0	-	-	0
STCS	Y	0.5	0	0	0	0	-	0
INST	Y	0.5	0	0	0	0	-	0
ENG	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BROWNFIELD AREA	Y	0.5	0	0	0	0	-	0
HAZ WASTE FAC	Y	0.5	0	0	0	0	-	0
<b>Tribal</b>								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
County	No County databases were selected to be included in the search.							
<b>Additional Environmental Records</b>								
<b>Federal</b>								
PFAS GHG	Y	0.5	0	0	0	0	-	0
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
POWER PLANTS	Y	0.125	0	0	-	-	-	0

**State**

HIST RISK	Y	0.125	0	0	-	-	-	0
PRIORITYCLEAN	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
HISTORICAL DRYC	Y	0.25	0	0	0	-	-	0
SPILLS	Y	0.125	0	0	-	-	-	0
DWM CONTAM	Y	0.5	0	0	0	0	-	0
DEL CONTAM SITE	Y	0.5	0	0	0	0	-	0
PFAS AFFF	Y	0.5	0	0	0	0	-	0
PFAS	Y	0.5	0	0	0	0	-	0
GW CONTAM	Y	0.125	0	0	-	-	-	0
UIC	Y	PO	0	-	-	-	-	0
WELL SURVEILLANCE	Y	0.25	0	0	0	-	-	0
CDV SOUTHEAST	Y	0.5	0	0	0	0	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0

**Tribal**

*No Tribal additional environmental record sources available for this State.*

**County**

*No County additional environmental databases were selected to be included in the search.*

---

**Total:** 0 0 0 0 0 0 0

\* PO – Property Only

\* 'Property and adjoining properties' database search radii are set at 0.25 miles.

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

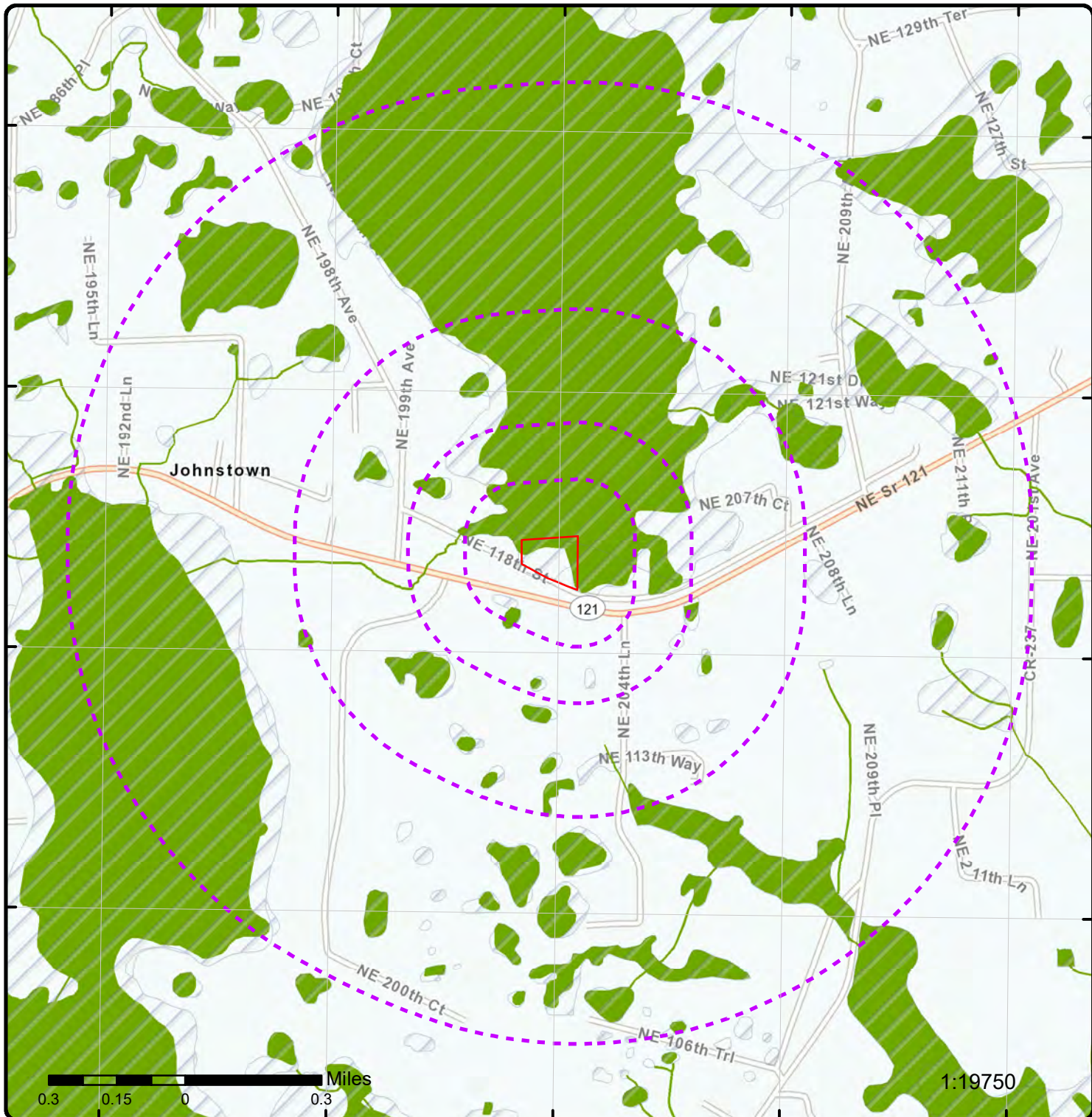
## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the surrounding properties.

## Executive Summary: Summary by Data Source

No records found in the selected databases for the project property or surrounding properties.



### Map: 1.0 Mile Radius

Order Number: 25022100640

Address: 20185 NE 118th Street, Lake Butler, FL



Project Property

Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



### Map: 0.5 Mile Radius

Order Number: 25022100640

Address: 20185 NE 118th Street, Lake Butler, FL



Project Property

Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

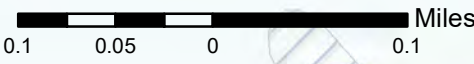
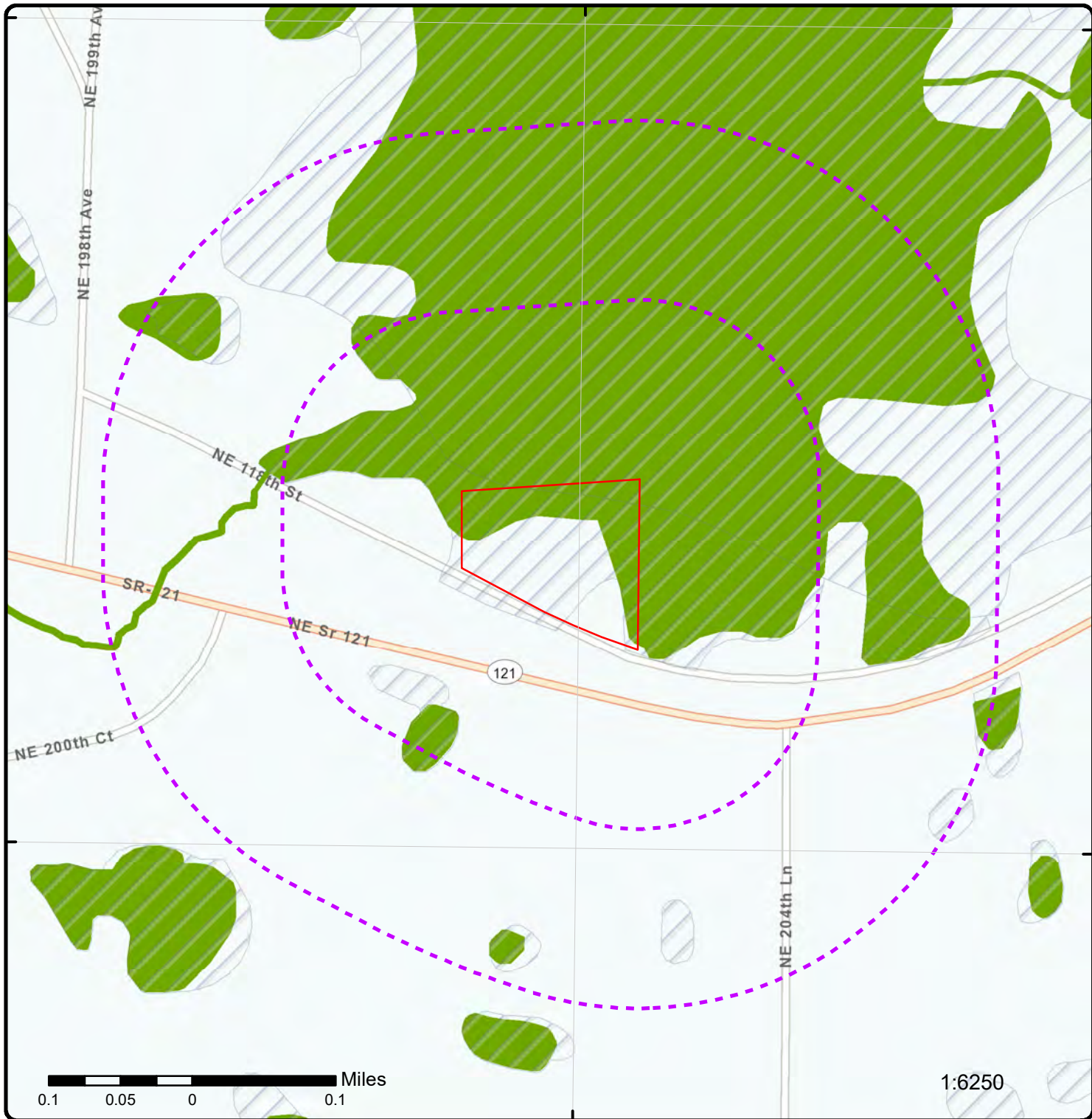
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National PRIORITY LIST (Active, Delisted, Proposed, Institutional Control)



1:6250

### Map: 0.25 Mile Radius

Order Number: 25022100640

Address: 20185 NE 118th Street, Lake Butler, FL



Project Property

Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)

82°17'30"W

82°17'W

82°16'30"W

30°3'N

30°3'N

30°2'30"N

30°2'30"N



0.1 0.05 0 0.1 Miles

1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

**Aerial** Year: 2022

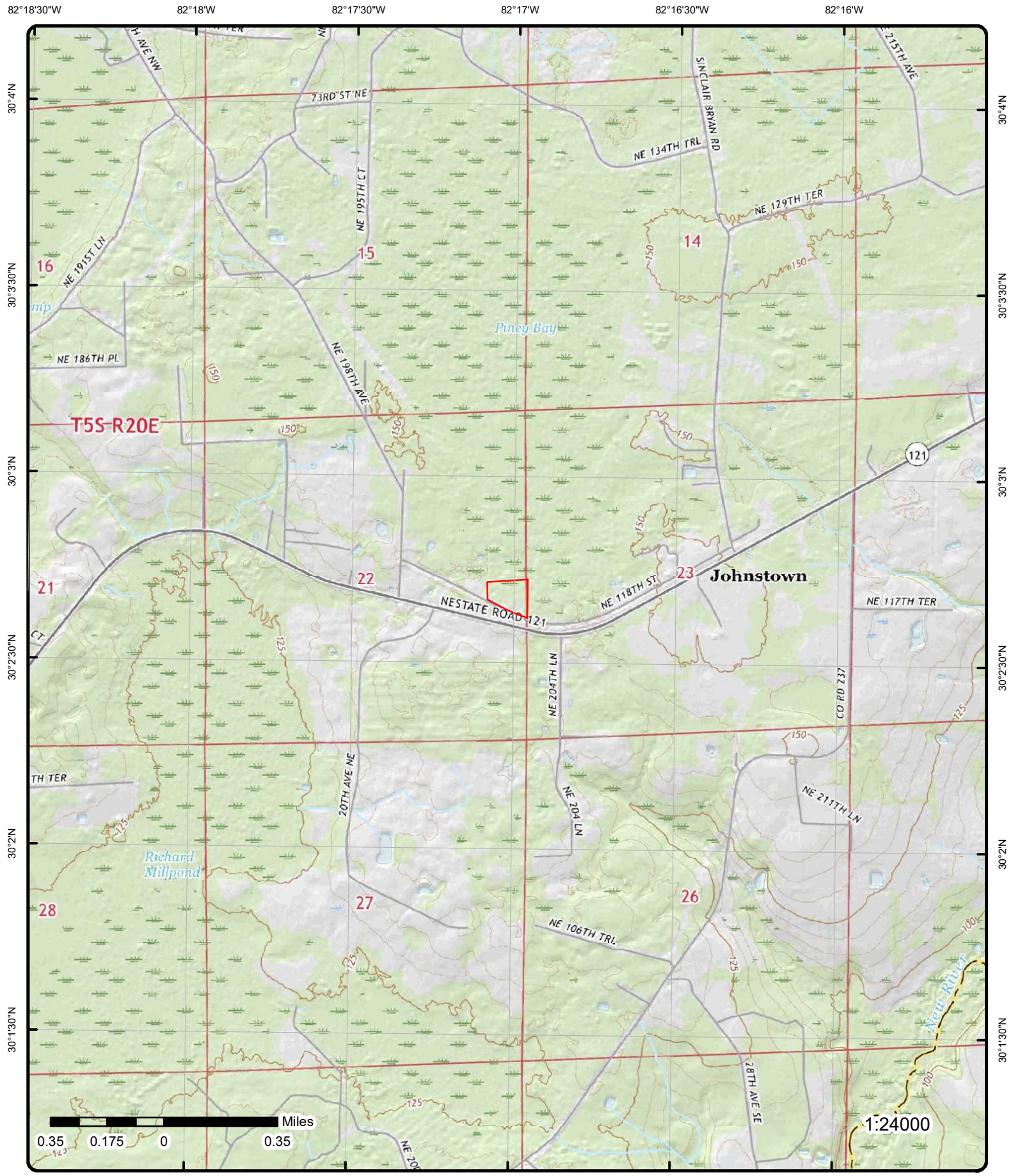
Address: 20185 NE 118th Street, Lake Butler, FL

Source: ESRI World Imagery

Order Number: 25022100640



© ERIS Information Inc.



**Topographic Map** Year: 2021

Order Number: 25022100640

Address: 20185 NE 118th Street, FL



Quadrangle(s): Lake Butler FL, Raiford FL

© ERIS Information Inc.

Source: USGS Topographic Map

# Detail Report

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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No records found in the selected databases for the project property or surrounding properties.

# Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AST	LAKE BUTLER CTY WWTF	SW SR 121	LAKE BUTLER FL	32054	813492781
		<i>Facility ID   Facility Status:</i> 9806957   OPEN <i>Tank Status   Status Date:</i> U - IN SERVICE   01-JUL-1998			
DWM CONTAM	LAKE BUTLER FARM CENTER	HWY 121 SOUTH	Lake Butler FL	32054	874800367
		<i>Facility ID:</i> 74406			
SPILLS		SR 121 in LakeButler	LAKE BUTLER FL		813614933
		<i>Incident No   Incident Date:</i> 47940   10/30/2012			
SPILLS		Highway 121 South	LAKE BUTLER FL		813607177
		<i>Incident No   Incident Date:</i> 10414   01/08/2001			
SPILLS		SR 121 .7 miles North of New River Landfill	LAKE BUTLER FL		813593825
		<i>Incident No   Incident Date:</i> 41036   02/19/2009			
SPILLS		SR 121 1 mile N. of SR 100	LAKE BUTLER FL		813621062
		<i>Incident No   Incident Date:</i> 43149   03/22/2010			
UST	HILLANDALE FARMS	HWY 121	LAKE BUTLER FL	32054	894368208
		<i>Facility ID   Facility Status:</i> 8519170   CLOSED <i>Tank Status   Status Date:</i> B - REMOVED FROM SITE   30-JUN-1989, B - REMOVED FROM SITE   30-JUN-1989			

# Unplottable Report

**Site:** LAKE BUTLER CTY WWTF  
SW SR 121 LAKE BUTLER FL 32054

AST

<b>County Name:</b>	UNION	<b>Facility ID:</b>	9806957
<b>County Name:</b>		<b>Facility Status:</b>	OPEN
<b>Lat/Long Method:</b>		<b>Facility Type:</b>	H
<b>Lat DD:</b>		<b>Type Desc:</b>	Local Government
<b>Lat MM:</b>		<b>Facility Phone:</b>	3864964853
<b>Lat SS:</b>		<b>Dep Co:</b>	P
<b>Long DD:</b>		<b>Owner ID:</b>	12343
<b>Long MM:</b>		<b>Owner Phone:</b>	3864963203
<b>Long SS:</b>			
<b>Owner:</b>	LAKE BUTLER CITY		
<b>Owner Address1:</b>	200 SW 1ST ST		
<b>Owner Address2:</b>			
<b>Owner City:</b>	LAKE BUTLER		
<b>Owner State:</b>	FL		
<b>Owner Zip 5:</b>	32054		
<b>Contact:</b>	HARDY CLYATT		
<b>Oculus Docs Inventory URL:</b>	<a href="https://erisservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=9806957&amp;CAT=11">https://erisservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=9806957&amp;CAT=11</a>		
<b>Information Portal Fac URL:</b>	<a href="http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&amp;facility.id=9806957">http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&amp;facility.id=9806957</a>		
<b>Information Portal Doc URL:</b>	<a href="http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9806957/facility!search">http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9806957/facility!search</a>		

## Tanks

**Tank ID:** 1

## Tank Details

<b>Tank Status:</b>	U - IN SERVICE	<b>Tank Vessel Indic:</b>	TANK
<b>Status Date:</b>	01-JUL-1998	<b>Capacity:</b>	1300
<b>Install:</b>	01-JUL-1998	<b>Place:</b>	ABOVEGROUND
<b>Tank Det Desc:</b>		<b>Content:</b>	D
<b>Tank Determin:</b>		<b>Contdesc:</b>	Vehicular Diesel

## Piping

**Piping Description:** X-No piping associated w/tank

## Monitoring

**Monitoring Desc:** M-Manual tank gauging - USTs

**Monitoring Desc:** Q-Visual inspection of ASTs

**Monitoring Desc:** F-Monitor dbl wall tank space

## Tank Construction

**Constr Desc:** Level gauges/alarms

**Constr Desc:** Spill containment bucket

**Constr Desc:** Steel

**Constr Desc:** Double wall

**Site:** LAKE BUTLER FARM CENTER  
HWY 121 SOUTH Lake Butler FL 32054

DWM CONTAM

**Facility ID:** 74406  
**Site ID:** ERIC\_11480  
**Program Area:**  
**Facility Type:**  
**Fac Type:**  
**County ID:** 63  
**Ftc1 Fac Type ID:**  
**Stcm Facility Type:** FIESTA  
**District:** NED  
**Site Status:**  
**Section:**  
**Township:**  
**County:** Union  
**Range:**  
**Rank:**  
**Operator:**  
**Name Changed:**  
**Addr Changed:**  
**Facility Name:** Lake Butler Farm Center  
**Description:**

**Contact:**  
**Phone:**  
**Method:**  
**Datum:**  
**Related Party ID:**  
**Primary RP Role:**  
**RP Begin Date:**  
**RP Address1:**  
**RP Address2:**  
**RP City:**  
**RP State:**  
**RP Zip5:**  
**RP Zip4:**  
**RP Phone:**  
**RP Extension:**  
**RP Bad Addr Ind:**  
**RP Name:**

**Program Details**

**Facility Status:**  
**Offsite Contam:**  
**Priority Score:**  
**Project Coordinato:**  
**Program Eligible:**  
**Ineligible:**  
**Program Area:** RESPONSPARTY  
**Site Manager:** Timothy Freeman  
**Discharge Date:**  
**Discharge Eligibil:**  
**Eligibility Progm:**  
**Cleanup Status:** Open-ERIC  
**Closure Type:**  
**Closure Date:**

**Staff Assigned:**  
**Priority:**  
**Score Effective Dt:**  
**Score When Ranked:**  
**District:**  
**Datum:** HARN  
**Method:** DPHO  
**Lat DD:** 30  
**Lat MM:** 0  
**Lat SS:** 52.0908  
**Long DD:** 82  
**Long MM:** 21  
**Long SS:** 21.6911

**Site:** SR 121 in LakeButler LAKE BUTLER FL

SPILLS

**Incident No:** 47940  
**Incident Type:** Inland  
**Incident Date:** 10/30/2012  
**County:** Union

**Spill Details**

**Pollutant Name:** Waste oil  
**Pollutant Actual Vol:** 10  
**Pol Unit Measure:** gallon  
**Incident Status:**  
**Incident Party Nm:**  
**Incident Party Type:**

**Closure Date:**  
**Description:** Discharge  
**Criminal Indicator:**  
**Hurricane Indicatr:**  
**On Scene Response:**  
**Pollutant Category:**

**Site:** Highway 121 South LAKE BUTLER FL

SPILLS

**Incident No:** 10414  
**Incident Type:** Inland  
**Incident Date:** 01/08/2001  
**County:** Union

**Spill Details**

**Pollutant Name:** Diesel fuel  
**Pollutant Actual Vol:** 50  
**Pol Unit Measure:** gallon  
**Incident Status:**  
**Incident Party Nm:**  
**Incident Party Type:**

**Closure Date:**  
**Description:** Fire  
**Criminal Indicator:**  
**Hurricane Indicatr:**  
**On Scene Response:**  
**Pollutant Category:**

**Spill Details**

**Pollutant Name:** Diesel fuel  
**Pollutant Actual Vol:** 50  
**Pol Unit Measure:** gallon  
**Incident Status:**  
**Incident Party Nm:**  
**Incident Party Type:**

**Closure Date:**  
**Description:** Fuel leak/overflow  
**Criminal Indicator:**  
**Hurricane Indicatr:**  
**On Scene Response:**  
**Pollutant Category:**

---

**Site:** SR 121 .7 miles North of New River Landfill LAKE BUTLER FL SPILLS

**Incident No:** 41036  
**Incident Type:** Inland  
**Incident Date:** 02/19/2009  
**County:** Union

**Spill Details**

**Pollutant Name:** Diesel fuel  
**Pollutant Actual Vol:** 50  
**Pol Unit Measure:** gallon  
**Incident Status:**  
**Incident Party Nm:**  
**Incident Party Type:**

**Closure Date:**  
**Description:** Vehicle Accident  
**Criminal Indicator:**  
**Hurricane Indicatr:**  
**On Scene Response:**  
**Pollutant Category:**

---

**Site:** SR 121 1 mile N. of SR 100 LAKE BUTLER FL SPILLS

**Incident No:** 43149  
**Incident Type:** Inland  
**Incident Date:** 03/22/2010  
**County:** Union

**Spill Details**

**Pollutant Name:** Diesel fuel  
**Pollutant Actual Vol:** 75  
**Pol Unit Measure:** gallon  
**Incident Status:**  
**Incident Party Nm:**  
**Incident Party Type:**

**Closure Date:**  
**Description:** Vehicle Accident  
**Criminal Indicator:**  
**Hurricane Indicatr:**  
**On Scene Response:**  
**Pollutant Category:**

---

**Site:** HILLANDALE FARMS  
HWY 121 LAKE BUTLER FL 32054 UST

**Facility ID:** 8519170  
**Facility Status:** CLOSED  
**Facility Type:** C  
**Type Desc:** Fuel user/Non-retail  
**Facility Phone:** 9044962266  
**Dep Co:** P  
**Owner ID:** 10032  
**Owner Phone:** 9048565196  
**Owner:** HILLANDALE FARMS OF FL INC  
**Owner Address1:** PO BOX 1703  
**Owner Address2:**

**County:** UNION  
**Lat/Long Method:**  
**Lat DD:** 30  
**Lat MM:** 0  
**Lat SS:** 13  
**Long DD:** 82  
**Long MM:** 18  
**Long SS:** 42

**Owner City:** LAKE CITY  
**Owner State:** FL  
**Owner Zip 5:** 32056  
**Contact:** JO N WARD  
**Oculus Docs Inventory URL:** https://erisservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=8519170&CAT=11  
**Information Portal Fac URL:** http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&facility.id=8519170  
**Information Portal Doc URL:** http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8519170/facility!search

**Tanks**

**Tank ID:** 2

**Tank Details**

<b>Tank Status:</b>	B - REMOVED FROM SITE	<b>Tank Vessel Indic:</b>	TANK
<b>Status Date:</b>	30-JUN-1989	<b>Capacity:</b>	3000
<b>Install:</b>	01-JUL-1975	<b>Place:</b>	UNDERGROUND
<b>Tank Determination:</b>		<b>Con desc:</b>	Unleaded Gas
<b>Tank Det Desc:</b>			

**Tanks**

**Tank ID:** 1

**Tank Details**

<b>Tank Status:</b>	B - REMOVED FROM SITE	<b>Tank Vessel Indic:</b>	TANK
<b>Status Date:</b>	30-JUN-1989	<b>Capacity:</b>	3000
<b>Install:</b>	01-AUG-1969	<b>Place:</b>	UNDERGROUND
<b>Tank Determination:</b>		<b>Con desc:</b>	Vehicular Diesel
<b>Tank Det Desc:</b>			

## Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:*

*"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."*

### **Standard Environmental Record Sources**

#### **Federal**

##### **National Priority List:**

[NPL](#)

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Sep 25, 2024**

##### **National Priority List - Proposed:**

[PROPOSED NPL](#)

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Sep 25, 2024**

##### **Deleted NPL:**

[DELETED NPL](#)

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Sep 25, 2024**

**SEMS List 8R Active Site Inventory:**

[SEMS](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

**Government Publication Date: Oct 24, 2024**

**SEMS List 8R Archive Sites:**

[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

**Government Publication Date: Oct 24, 2024**

**Inventory of Open Dumps, June 1985:**

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

**Government Publication Date: Jun 1985**

**EPA Report on the Status of Open Dumps on Indian Lands:**

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

**Government Publication Date: Dec 31, 1998**

**Comprehensive Environmental Response, Compensation and Liability Information System -**

[CERCLIS](#)

**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

**Government Publication Date: Oct 25, 2013**

**CERCLIS - No Further Remedial Action Planned:**

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

**Government Publication Date: Oct 25, 2013**

**CERCLIS Liens:**

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

**Government Publication Date: Jan 30, 2014**

**RCRA CORRACTS-Corrective Action:**

[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date: Oct 21, 2024**

**RCRA non-CORRACTS TSD Facilities:**

[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

**Government Publication Date: Oct 21, 2024**

**RCRA Generator List:**

[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Oct 21, 2024**

**RCRA Small Quantity Generators List:**

[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Oct 21, 2024**

**RCRA Very Small Quantity Generators List:**

[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

**Government Publication Date: Oct 21, 2024**

**RCRA Non-Generators:**

[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Oct 21, 2024**

**RCRA Sites with Controls:**

[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

**Government Publication Date: Oct 21, 2024**

**Federal Engineering Controls-ECs:**

[FED ENG](#)

List of Engineering controls (ECs) made available by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Nov 20, 2024**

**Federal Institutional Controls- ICs:**

FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Nov 20, 2024**

**Land Use Control Information System:**

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

**Government Publication Date: Sep 1, 2006**

**Institutional Control Boundaries at NPL sites:**

NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

**Government Publication Date: Sep 25, 2024**

**Emergency Response Notification System:**

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

**Government Publication Date: Oct 15, 2024**

**The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:**

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

**Government Publication Date: Feb 7, 2024**

**FEMA Underground Storage Tank Listing:**

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

**Government Publication Date: Dec 31, 2017**

**Facility Response Plan:**

FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

**Government Publication Date: Jan 9, 2024**

**Delisted Facility Response Plans:**

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

**Government Publication Date: Jan 9, 2024**

**Historical Gas Stations:**

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

**Government Publication Date: Jul 1, 1930**

**Petroleum Refineries:**

REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

**Government Publication Date: Oct 31, 2024**

**Petroleum Product and Crude Oil Rail Terminals:**

BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from Oak Ridge National Laboratory hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

**Government Publication Date: Oct 31, 2024**

**LIEN on Property:**

SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

**Government Publication Date: Oct 24, 2024**

**Superfund Decision Documents:**

SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

**Government Publication Date: Oct 24, 2024**

**State**

**Superfund Waste Cleanup & State-Funded Action Sites:**

SHWS

List of hazardous waste cleanup sites participating in various federal and state funded cleanup programs. Florida's State-Funded Action Sites and Superfund Waste Cleanup Sites lists are maintained and made available by the Florida Department of Environmental Protection (FDEP). This database serves a purpose similar to that of the federal Superfund Enterprise Management System (SEMS), functioning as a state-level counterpart for tracking potential hazardous substance release sites.

**Government Publication Date: Jan 2, 2025**

**Delisted State-Funded Action Sites:**

[DELISTED SHWS](#)

This database contains a list of closed hazardous waste sites of various federal and state funded cleanup programs that were removed from the Florida Department of Environmental Protection (FDEP).

**Government Publication Date: Jan 2, 2025**

**ERIC Waste Cleanup:**

[ERIC](#)

Environmental Restoration Integrated Cleanup (ERIC) is a single database for tracking contaminated site cleanup activities in the Florida Department of Environmental Protection (DEP)'s Division of Waste Management (DWM). Includes records from 11 different DEP data systems, allowing tracking of a contaminated site throughout the course of cleanup regardless of which program area took the lead.

**Government Publication Date: Nov 19, 2024**

**Florida Department of Environmental Protection Cleanup Sites:**

[CLEANUP DEP](#)

This Cleanup Sites dataset is provided by the Florida Department of Environmental Protection (FDEP), and the layer is included on the FDEP's Contamination Locator Map (CLM) tool. The data provides locations and document links for sites currently in the cleanup process and sites awaiting cleanup funding. Cleanup programs include Brownfields, Petroleum, EPA Superfund (CERCLA), Drycleaning, Responsible Party Cleanup, State Funded Cleanup, State Owned Lands Cleanup and Hazardous Waste Cleanup.

**Government Publication Date: Jan 16, 2025**

**Waste Cleanup Responsible Party Sites:**

[WCRPS](#)

List of Open, Closed, and Inactive Waste Cleanup Responsible Party sites made available by the Florida Department of Environmental Protection.

**Government Publication Date: Apr 11, 2021**

**Delisted Waste Cleanup Sites:**

[DELISTED WCP](#)

List of sites which once appeared on - and have since been removed from - the list of Waste Cleanup Sites made available by the Florida Department of Environmental Protection.

**Government Publication Date: Jan 16, 2025**

**Solid Waste Facilities and Landfills:**

[SWF/LF](#)

The Solid Waste Facility Inventory Report made available by the Florida Department of Environmental Protection (FDEP) includes all types of authorized and unauthorized facilities: municipal solid waste, landfills, dumps, construction and demolition disposal, recycling facilities, and more.

**Government Publication Date: Dec 6, 2024**

**Leaking Tanks:**

[LST](#)

This list of leaking storage tanks is sourced from the Florida Department of Environmental Protection (FDEP). The Storage Tank and Petroleum Contamination/Cleanup Monitoring (STCM) section is part of the Petroleum Restoration Program (PRP) in the FDEP's Division of Waste Management. The PRP encompasses the technical oversight, management, and administrative activities necessary to prioritize, assess and clean-up sites contaminated by discharges of petroleum and petroleum products from stationary petroleum storage systems. Over 28,000 facilities have reported discharges of petroleum products from storage tank systems. STCM database reports do not include discharges that are not required for Rule 62-780 as well as discharges that have already been cleaned up. Rule 62-780 applies to site rehabilitation conducted at sites contaminated with pollutants, hazardous substances, drycleaning solvents, petroleum and petroleum products. Florida relies on groundwater for about 92 percent of its drinking water needs and has some of the most stringent rules in the country.

**Government Publication Date: Feb 6, 2025**

**Delisted Leaking Tanks:**

[DELISTED LST](#)

Whereas Leaking Tanks (LST) includes only facilities which currently have contamination as recorded by the Florida Department of Environmental Protection, this list contains facilities which were once included in LST data but no longer appear on the list made available by FDEP. Facilities may be removed from the current LST list because the discharge has been cleaned up, or the discharge is not required for 62-770.

**Government Publication Date: Feb 6, 2025**

**Underground Storage Tanks:**

[UST](#)

List of Underground Storage Tank facilities made available by the Florida Department of Environmental Protection (FL DEP). Includes facilities tracked for active storage tanks, storage tank history, or petroleum cleanup activity. In an effort to minimize the occurrence and environmental risks of releases and discharges, FDEP administers standards pertaining to the construction, installation, operation, maintenance, repair, closure, and disposal of underground storage tank systems that store regulated substances.

**Government Publication Date: Jan 2, 2025**

**Aboveground Storage Tanks:**

[AST](#)

List of Aboveground Storage Tank facilities made available by the Florida Department of Environmental Protection (FL DEP). Includes facilities tracked for active storage tanks, storage tank history, or petroleum cleanup activity. The Florida Department of Environmental Protection (FDEP) provides standards for aboveground storage tanks (ASTs) that have individual storage tank capacities greater than 550 gallons. The state also regulates the registration, construction, installation, operation, maintenance, repair, closure, and disposal of storage tank systems that store regulated substances.  
**Government Publication Date: Jan 2, 2025**

**Storage Tank Facilities:**

[TANK](#)

List of storage tank facilities made available by the Florida Department of Environmental Protection (FL DEP) for which tank information is not available. In the case of closed facilities - where all tanks have been removed or closed, and there is also no petroleum discharge or on-going cleanup activity - the owner data may not be current, but rather would represent the most recent information made available to FL DEP.

**Government Publication Date: Jan 2, 2025**

**Delisted AST UST Storage Tanks:**

[DEL UST AST TANK](#)

This database contains a list of closed UST and AST storage tank sites that were removed from the Florida Department of Environmental Protection (FDEP) storage tank database.

**Government Publication Date: Jul 2, 2015**

**Delisted Storage Tanks:**

[DEL STORAGE TANK](#)

List of sites that once appeared on - and have since been removed from - the list of UST and AST storage tank facilities made available by the Florida Department of Environmental Protection.

**Government Publication Date: Jan 28, 2025**

**Federal Facilities Listing:**

[FF TANKS](#)

The Florida Department of Environmental Protection (FDEP) Storage Tank Program registers facilities and storage tanks where aboveground or underground storage tanks store pollutants, hazardous substances, and/or mineral acid substances regulated by Chapter 62-761, Florida Administrative Code, or when aboveground storage tanks or compression vessels store a hazardous substance which requires registration according to Chapter 376, Florida Statutes.

**Government Publication Date: Dec 23, 2024**

**Storage Tank/Contaminated Facility Search:**

[STCS](#)

List of facilities and tanks in the Florida Department of Environmental Protection (FDEP) Bureau of Petroleum Storage Systems Storage Tank/Contaminated Facility Search. Note that tank details do not appear for facilities for which all tanks have been removed.

**Government Publication Date: Jan 6, 2025**

**Institutional Controls Registry:**

[INST](#)

The Institutional Controls registry is maintained by the Florida Department of Environmental Protection (FDEP). The registry aims to help preserve adequate protection of contaminated soil regions and help to minimize any chances of exposure.

**Government Publication Date: Jan 30, 2025**

**Engineering Controls:**

[ENG](#)

A listing of all engineering controls that are in place to eliminate or reduce the potential for contaminant migration and exposure to contaminants. These controls may include caps, barriers, guards or fences. The list is maintained by the Florida Department of Environmental Protection (FDEP).

**Government Publication Date: Jan 30, 2025**

**Voluntary Cleanup Sites:**

[VCP](#)

A listing of active and closed voluntary cleanup sites registered by the Florida Department of Environmental Protection (FDEP).

**Government Publication Date: Aug 30, 2024**

**Brownfield Sites:**

[BROWNFIELDS](#)

Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. This is a list of sites within designated Brownfield Areas within Florida where Brownfield Site Rehabilitation Agreement (BSRA)s have been executed between FDEP and a responsible party.

**Government Publication Date: Nov 22, 2024**

**Brownfield Areas:**

[BROWNFIELD AREA](#)

Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. This is a list of Brownfield Areas, defined by the FDEP as contiguous areas of one or more brownfield sites, some of which may not be contaminated, that have been designated as such by a local government resolution. Such areas may include all or portions of community redevelopment areas, enterprise zones, empowerment zones, other such designated economically deprived communities and areas, and Environmental Protection Agency (EPA) designated brownfield pilot projects. Because a variety of sources and methods were used to derive information for this data, locations are approximate.

**Government Publication Date: Nov 22, 2024**

**Hazardous Waste Facility List:**

[HAZ WASTE FAC](#)

List of Hazardous Waste Financial Assurance Facilities made available by the Division of Waste Management of the Florida Department of Environmental Protection (FDEP). The FDEP's Hazardous waste financial responsibility requirements exist to ensure that certain hazardous waste facilities and transporters have the financial resources available to provide for closure, postclosure and corrective action requirements and/or pay for bodily injury or property damage that might result from accidents, spills or other unexpected events, known as liabilities. These closure, postclosure, corrective action and liability requirements are called financial assurance.

**Government Publication Date: Jan 3, 2025**

**Tribal**

**Leaking Underground Storage Tanks on Tribal/Indian Lands:**

[INDIAN LUST](#)

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes Florida, is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Nov 18, 2024**

**Underground Storage Tanks on Tribal/Indian Lands:**

[INDIAN UST](#)

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes Florida, is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Nov 18, 2024**

**Delisted Tribal Leaking Storage Tanks:**

[DELISTED INDIAN LST](#)

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 7, 2025**

**Delisted Tribal Underground Storage Tanks:**

[DELISTED INDIAN UST](#)

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 7, 2025**

**County**

**No County databases were selected to be included in the search.**

**Additional Environmental Record Sources**

**Federal**

**PFAS Greenhouse Gas Emissions Data:**

[PFAS GHG](#)

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO<sub>2</sub>e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

**Government Publication Date: Aug 5, 2024**

**On-Scene Coordinator Response Sites:**

OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

**Government Publication Date: Apr 4, 2024**

**Facility Registry Service/Facility Index:**

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

**Government Publication Date: Aug 1, 2024**

**Toxics Release Inventory (TRI) Program:**

TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

**Government Publication Date: Sep 20, 2023**

**PFOA/PFOS Contaminated Sites:**

PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

**Government Publication Date: Dec 17, 2024**

**Federal Agency Locations with Known or Suspected PFAS Detections:**

PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

**Government Publication Date: Oct 24, 2024**

**SSEHRI PFAS Contamination Sites:**

PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

**Government Publication Date: Jun 27, 2024**

**National Response Center PFAS Spills:**

[PFAS ERNS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

**Government Publication Date: Dec 9, 2024**

**PFAS NPDES Discharge Monitoring:**

[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

**Government Publication Date: Dec 16, 2024**

**Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:**

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

**Government Publication Date: Sep 20, 2023**

**PFAS Water Quality Portal Sampling Data:**

[PFAS WATER](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

**Government Publication Date: Jul 22, 2024**

**PFAS TSCA Manufacture and Import Facilities:**

[PFAS TSCA](#)

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

**Government Publication Date: Jan 5, 2023**

**PFAS Waste Transfers from RCRA e-Manifest :**

[PFAS E-MANIFEST](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

**Government Publication Date: Dec 15, 2024**

**PFAS Industry Sectors:**

[PFAS IND](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

**Government Publication Date: Dec 16, 2024**

**Hazardous Materials Information Reporting System:**

[HMIRS](#)

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

**Government Publication Date: May 29, 2024**

**National Clandestine Drug Labs:**

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

**Government Publication Date: Nov 30, 2023**

**Toxic Substances Control Act:**

[TSCA](#)

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

**Government Publication Date: May 12, 2022**

**Hist TSCA:**

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

**Government Publication Date: Dec 31, 2006**

**FTTS Administrative Case Listing:**

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**FTTS Inspection Case Listing:**

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**Potentially Responsible Parties List:**

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

**Government Publication Date: Nov 20, 2024**

**State Coalition for Remediation of Drycleaners Listing:**

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRCD no longer maintains this data, refer to applicable state source data where available.

**Government Publication Date: Nov 08, 2017**

**Integrated Compliance Information System (ICIS):**

ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

**Government Publication Date: Apr 13, 2024**

**Drycleaner Facilities:**

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

**Government Publication Date: May 5, 2024**

**Delisted Drycleaner Facilities:**

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

**Government Publication Date: May 5, 2024**

**Formerly Used Defense Sites:**

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

**Government Publication Date: May 15, 2023**

**FUDS Munitions Response Sites:**

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

**Government Publication Date: May 15, 2023**

**Former Military Nike Missile Sites:**

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**Government Publication Date: Dec 2, 1984**

**PHMSA Pipeline Safety Flagged Incidents:**

**PIPELINE INCIDENT**

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

**Government Publication Date: May 6, 2024**

**Material Licensing Tracking System (MLTS):**

**MLTS**

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

**Government Publication Date: May 11, 2021**

**Historic Material Licensing Tracking System (MLTS) sites:**

**HIST MLTS**

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

**Government Publication Date: Jan 31, 2010**

**Mines Master Index File:**

**MINES**

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

**Government Publication Date: Feb 5, 2024**

**Surface Mining Control and Reclamation Act Sites:**

**SMCRA**

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

**Government Publication Date: May 20, 2024**

**Mineral Resource Data System:**

**MRDS**

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

**Government Publication Date: Mar 15, 2016**

**DOE Legacy Management Sites:**

**LM SITES**

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

**Government Publication Date: Dec 12, 2023**

#### **Alternative Fueling Stations:**

**ALT FUELS**

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

**Government Publication Date: Aug 29, 2024**

#### **Superfunds Consent Decrees:**

**CONSENT DECREES**

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

**Government Publication Date: Jun 26, 2024**

#### **Air Facility System:**

**AFS**

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

**Government Publication Date: Oct 17, 2014**

#### **Registered Pesticide Establishments:**

**SSTS**

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

**Government Publication Date: Feb 29, 2024**

#### **Polychlorinated Biphenyl (PCB) Transformers:**

**PCBT**

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

**Government Publication Date: Oct 15, 2019**

#### **Polychlorinated Biphenyl (PCB) Notifiers:**

**PCB**

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

**Government Publication Date: May 23, 2024**

#### **Power Plants:**

**POWER PLANTS**

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

## **State**

### **Historic Potential Business Activity Risk:**

HIST RISK

Proprietary list of sites identified as potentially having engaged in business activity that poses a higher-than-normal risk of contamination. Records originate from historical city directories, and are included in this list based on broad business categories Potentially Hazardous Chemical Users and Fuel and Automotive, including but not limited to Dry Cleaners and Fuel Stations, Garages, etc. Inclusion in this listing does not indicate that there is or ever has been contamination; rather, sites are included in this list due to their potential for having engaged in a business activity presenting an elevated risk of contamination. The list was compiled from various city directories including Polks, Millers, Mullin Kille, Interstate Directory, and State Directory Co; spanning roughly 1920s through 1960 depending on information available by city.

Government Publication Date: Jan 1, 1960

### **Priority Ranking List:**

PRIORITYCLEAN

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility or wholesale supply facility (Chapter 376, Florida Statutes). The program is administered by the Florida Department of Environmental Protection (FDEP). The statute was sponsored by the drycleaning industry to address environmental, economic, and liability issues resulting from drycleaning solvent contamination. The program provides limited liability protection to the owner, operator and real property owner of drycleaning or wholesale supply facilities for cleanup of drycleaning solvent contamination if the parties meet the eligibility conditions stated in the law.

Government Publication Date: Jan 16, 2025

### **Dry Cleaning Facilities:**

DRYCLEANERS

A listing of dry cleaning facilities registered with the Florida Department of Environmental Protection (FDEP). The information contains facility identification number, site location information, related party (owner) information, and facility type and status. Data is taken from the Storage Tank & Contamination Monitoring database, the registration repository of dry cleaner facility data.

Government Publication Date: Dec 16, 2024

### **Delisted Dry Cleaning Facilities:**

DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Florida Department of Environmental Conservation (DEC).

Government Publication Date: Dec 16, 2024

### **Historical Dry Cleaners:**

HISTORICAL DRYC

The Florida Department of Environmental Protection (FDEP) provided this historical database of regulated and non-regulated dry cleaning facilities. These facilities were at one time tracked and registered by the FDEP OCULUS Electronic Document Management System as "drums" in the underground storage tank database.

Government Publication Date: Aug 2, 2013

### **Oil and Hazardous Materials Incidents:**

SPILLS

Statewide listing of oil and hazardous materials spills and incidents recorded by the Florida Department of Environmental Protection (FDEP).

Government Publication Date: Dec 6, 2024

### **Contaminated Sites:**

DWM CONTAM

Florida Department of Environmental Protection (FDEP) Division of Waste Management (DWM) listing of active or known sites that include sites requiring cleanup but are not actively being worked on due to the agency's lack of funding (primarily petroleum and drycleaning).

Government Publication Date: Jul 14, 2023

### **Delisted Contaminated Sites:**

DEL CONTAM SITE

List of sites which were once included on the Florida Department of Environmental Protection (FDEP) Division of Waste Management (DWM)'s Contaminated Sites list. As sites on the Contaminated Sites (CS) list are cleaned up or closed under risk based corrective action, they are removed from the CS list.

Government Publication Date: Sep 30, 2015

### **Aqueous Film Forming Foam (AFFF):**

PFAS AFFF

A list of fire fighter training facilities that use or possibly used Aqueous Film Forming Foam (AFFF). This list is made available by the Florida Department of Environmental Protection (DEP).

Government Publication Date: AUG 29, 2024

**PFAS Investigation at Federal Facilities:**

PFAS

List of sites - including Federal Facilities - in Florida at which either a) there has been confirmed or suspected usage of Aqueous Film Forming Foam (AFFF), or b) the Division of Waste Management has identified as a potential source or environmental impact related to per- and polyfluoroalkyl substances (PFAS). The Florida Department of Environmental Protection (DEP) is committed to the protection of the groundwater resources of the state and the public health and safety of residents. The DEP will continue its efforts to investigate and understand PFAS in the environment and the ecological and human health risks associated with PFAS contamination. Listings made available by the Florida Department of Environmental Protection (DEP).

**Government Publication Date: Jan 30, 2025**

**Ground Water Contamination Areas:**

GW CONTAM

List of areas of known groundwater contamination made available by the Florida Department of Environmental Protection (DEP). 38 counties have been delineated primarily for the agricultural pesticide ethylene dibromide (EDB), and to a much lesser extent, volatile organic and petroleum contaminants. 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.

**Government Publication Date: Jul 12, 2023**

**Underground Injection Control Wells:**

UIC

Class I Underground Injection Control (UIC) wells that are currently or were previously active, as well as proposed sites, regulated by the Florida Department of Environmental Protection (FDEP). Class I UIC wells are used to inject nonhazardous waste, hazardous waste (new hazardous waste wells were banned in 1983), or municipal waste below the lowermost underground source of drinking water.

**Government Publication Date: Jan 31, 2025**

**Well Surveillance Program Facilities:**

WELL SURVEILLANCE

List of facilities made available by the Florida Health Well Surveillance group. The Well Surveillance group manages several programs to identify and monitor areas in Florida where contaminated drinking water is suspected and may pose a threat to public health. The section coordinates with the County Health Departments (CHDs) to locate potable wells and conduct water sampling for contaminants of concern. The Well Surveillance Section is composed of the State Underground Petroleum Environmental Response Act (SUPER Act), Drinking Water Toxics Program (Toxics), Drycleaner Solvent Cleanup Program (DSCP). Includes locations of known cattle dipping vats.

**Government Publication Date: Jan 28, 2025**

**Cattle Dip Vats:**

CDV SOUTHEAST

A list of Cattle Dip Vats in Southeast Florida made available by the Florida Department of Environmental Protection.

**Government Publication Date: Jan 19, 2017**

**Tier 2 Report:**

TIER 2

A list of Tier 2 facilities in the state of Florida. The list tracks the inventory of chemicals within a particular facility. This list is provided by the Florida Division of Emergency Management.

**Government Publication Date: Apr 2, 2024**

**Delisted County Records:**

DELISTED COUNTY

Records removed from county databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

**Government Publication Date: Aug 27, 2024**

**Tribal**

**No Tribal additional environmental record sources available for this State.**

**County**

**No County additional environmental databases were selected to be included in the search.**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

## **APPENDIX D – HISTORICAL RECORDS DOCUMENTATION**



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# HISTORICAL AERIALS

**Project Property:** Hartsfield Property  
20185 NE 118th Street  
Lake Butler FL 32054

**Project No:** 20165101.Task 23

**Requested By:** PPM Consultants, Inc.

**Order No:** 25022100640

**Date Completed:** February 26,2025

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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<b>Date</b>	<b>Source</b>	<b>Scale</b>	<b>Comments</b>
2023	United States Department of Agriculture	1" = 500'	
2021	United States Department of Agriculture	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2007	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
1999	United States Geological Survey	1" = 500'	
1994	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1981	Florida Department of Transportation	1" = 500'	
1971	Florida Department of Transportation	1" = 500'	
1964	United States Geological Survey	1" = 500'	
1949	Agricultural Stabilization & Conserv. Service	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	

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500  
Feet



Year: 2023  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 2021  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 2019  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



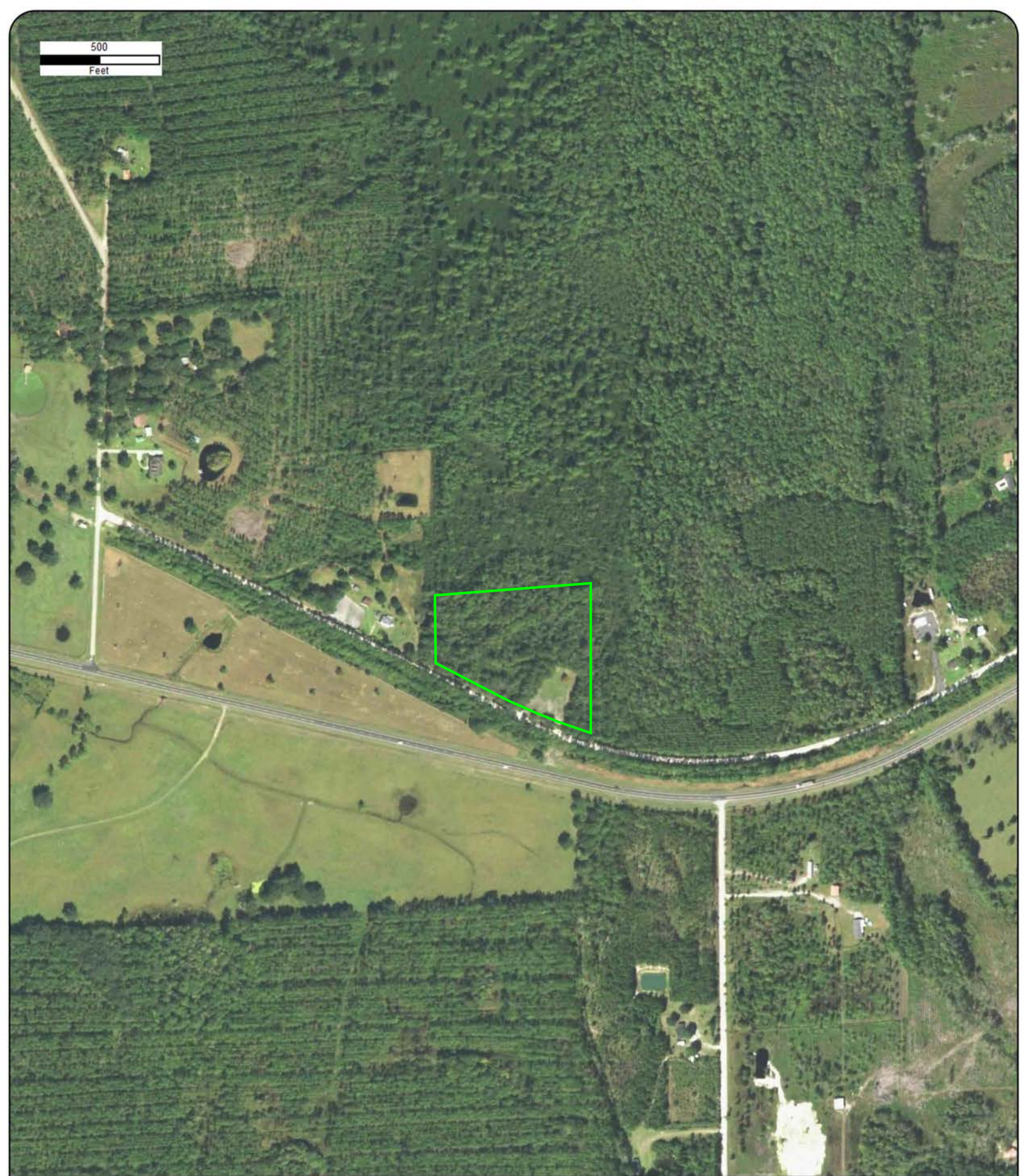
Year: 2017  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 2015  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 2013  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



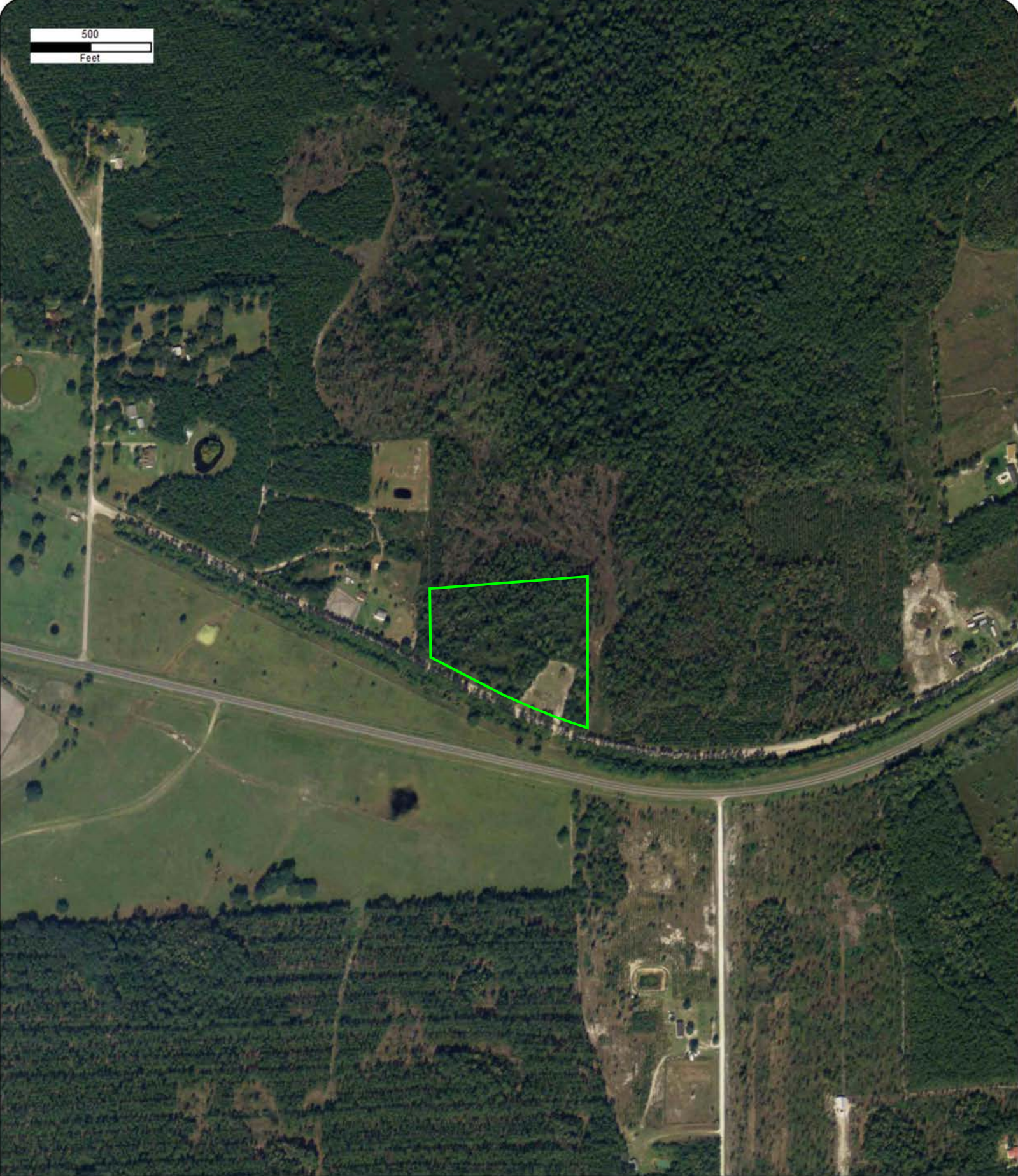
Year: 2010  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



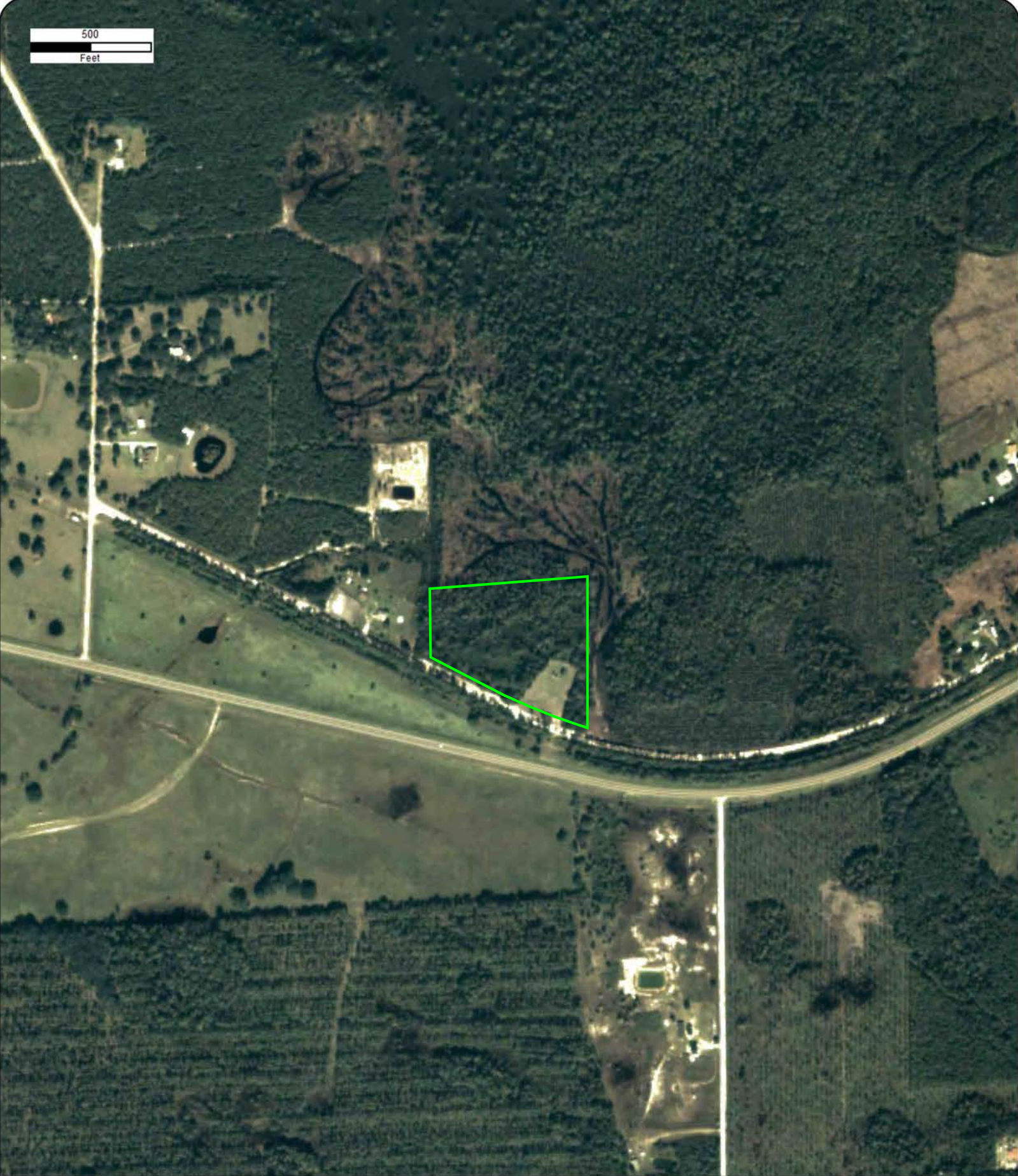
Year: 2007  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 2005  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1999  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1994  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1983  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1981  
Source: FDOT  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1971  
Source: FDOT  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



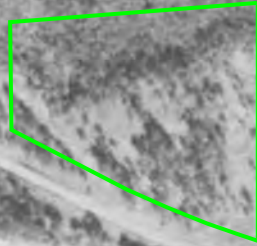
Year: 1964  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1949  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640



500  
Feet



Year: 1938  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: 20185 NE 118th Street, Lake Butler, FL  
Approx Center: -82.28350193,30.04467147

Order No: 25022100640





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# TOPOGRAPHIC MAPS

**Project Property:** Hartsfield Property  
  
20185 NE 118th Street  
Lake Butler FL 32054

**Project No:** 20165101.Task 23

**Requested By:** PPM Consultants, Inc.

**Order No:** 25022100640

**Date Completed:** February 23, 2025

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2021	7.5
2015	7.5
1993	7.5
1984	7.5
1966	7.5

**Topographic Map Symbology for the maps may be available in the following documents:**

*Pre-1947*

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

*1947-2009*

[Topographic Map Symbols](#)

*2009-present*

[US Topo Map Symbols](#)

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

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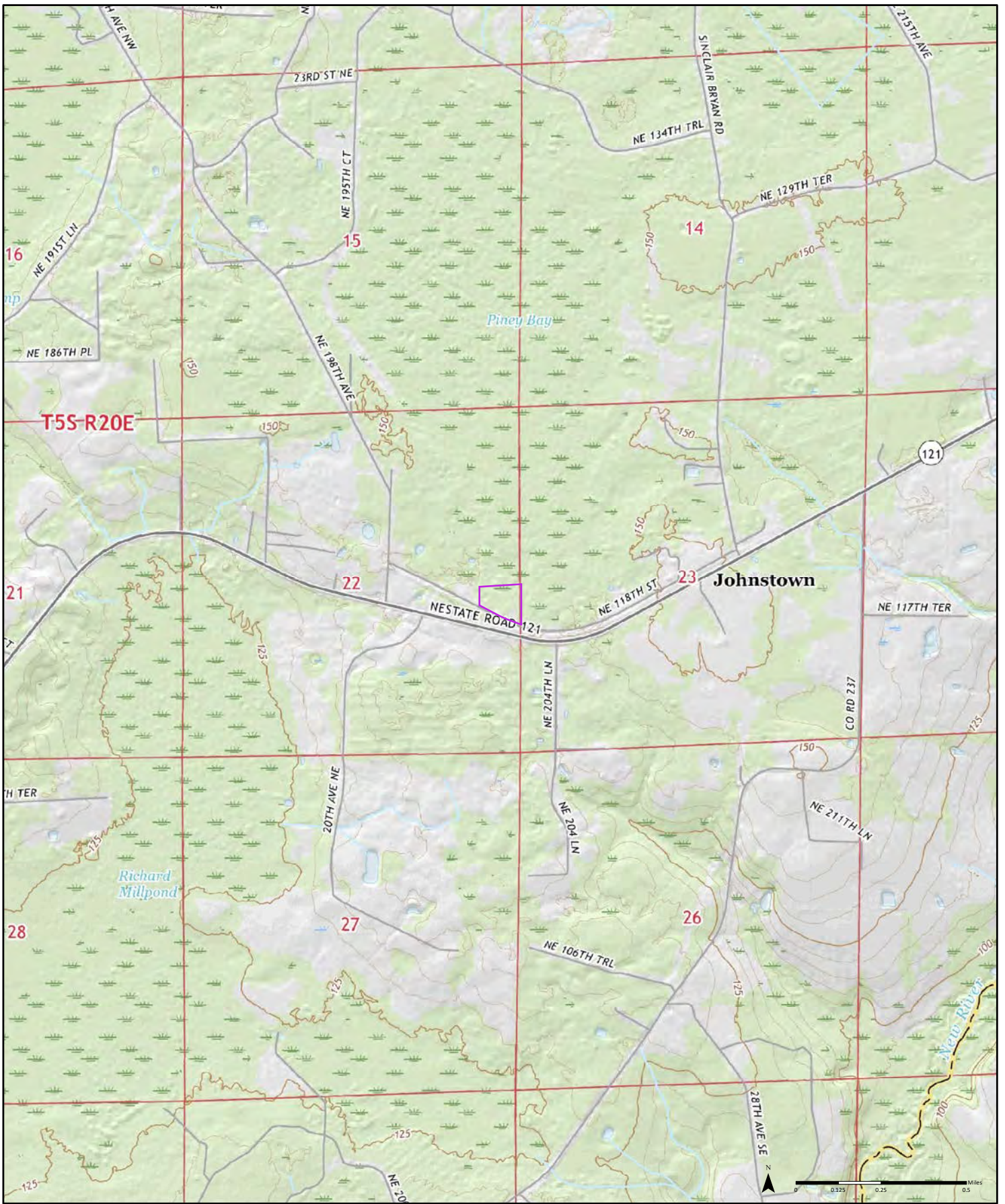
This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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2021

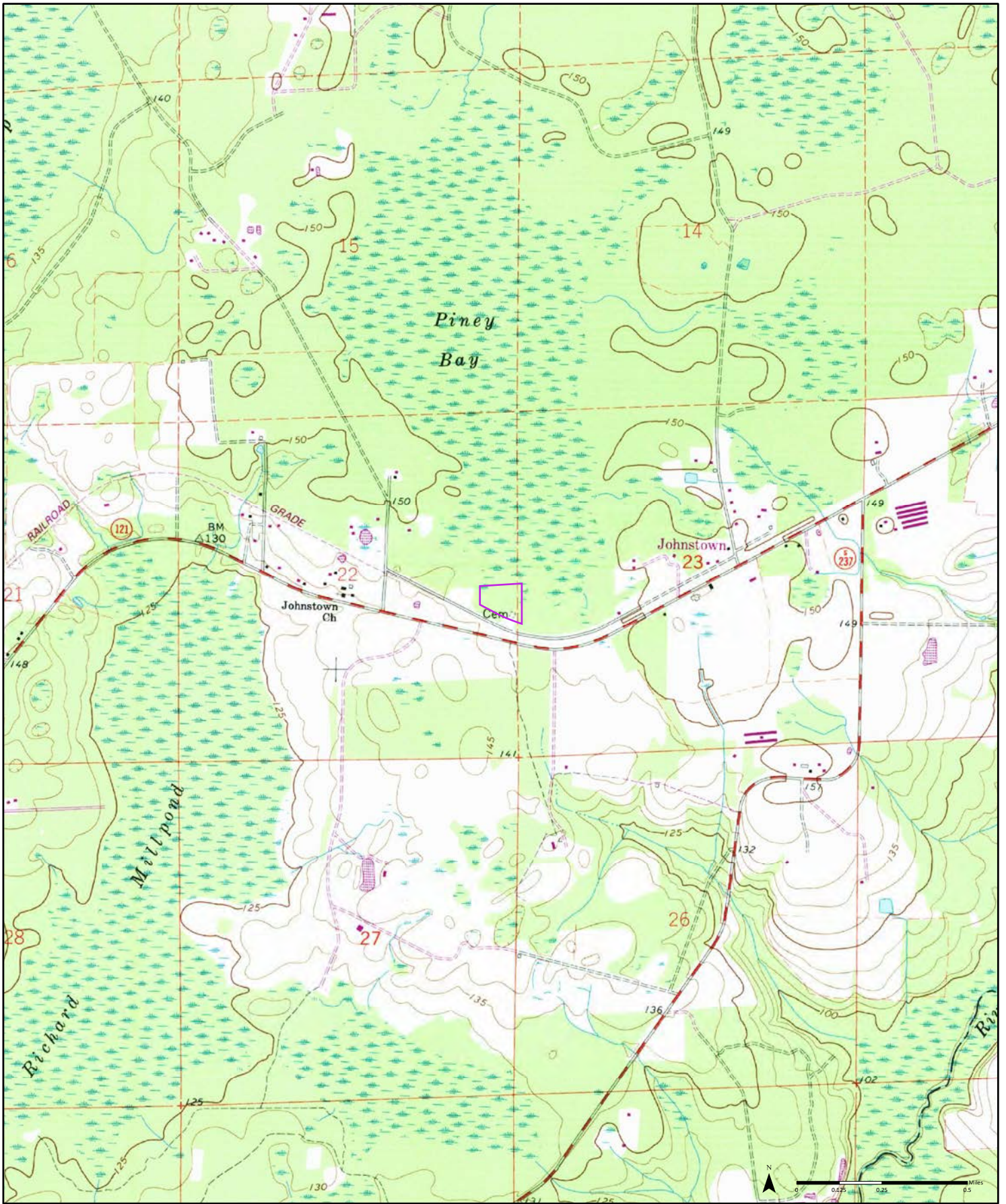
Order No. 25022100640

Available Quadrangle(s): Lake Butler, FL



Source: USGS 7.5 Minute Topographic Map

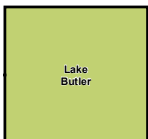




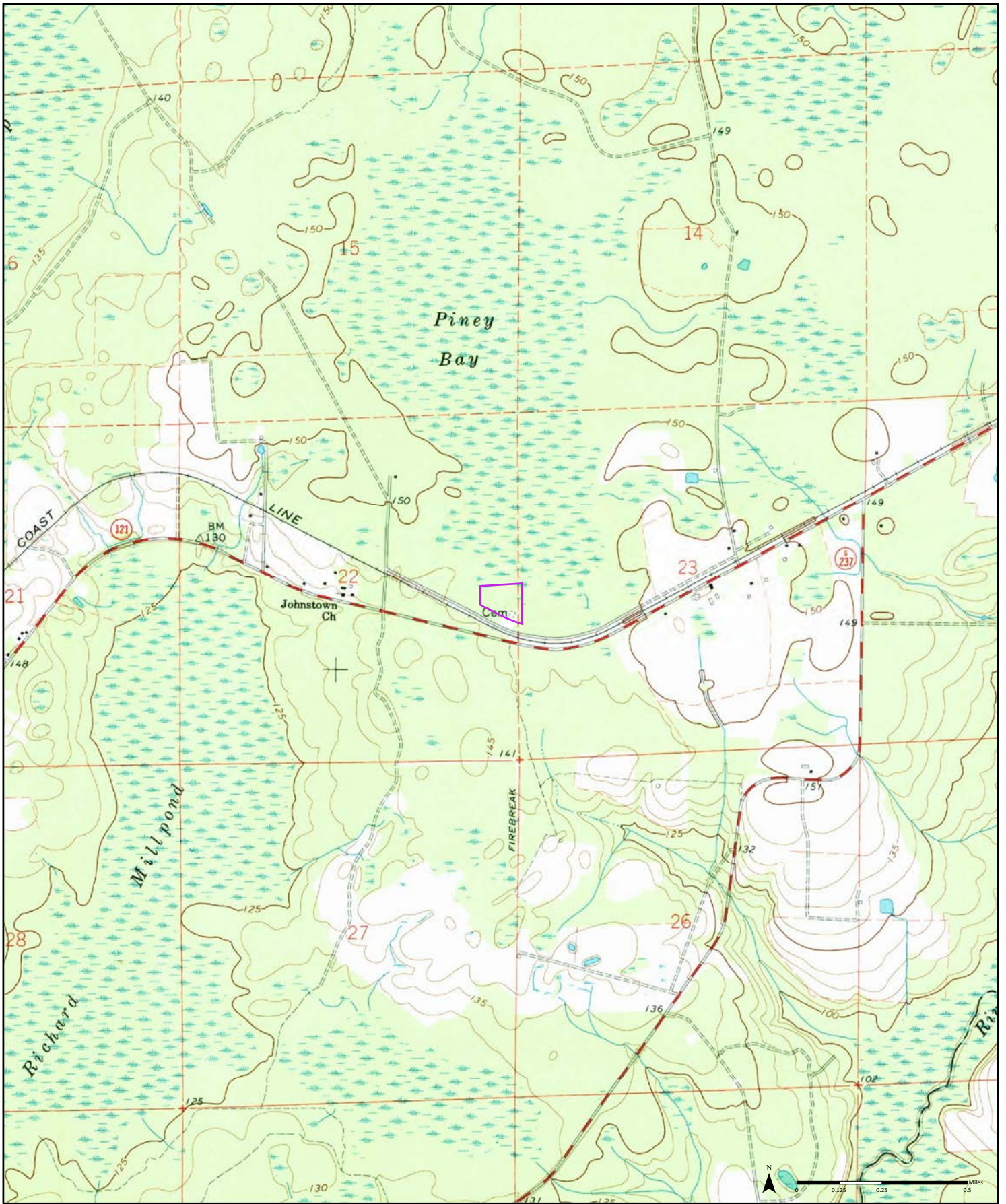
1993

(1-1993)  
Aerial Photo Year: 1990

Order No. 25022100640



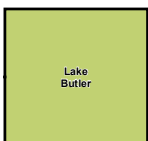
Available Quadrangle(s): Lake Butler, FL (1-1993)



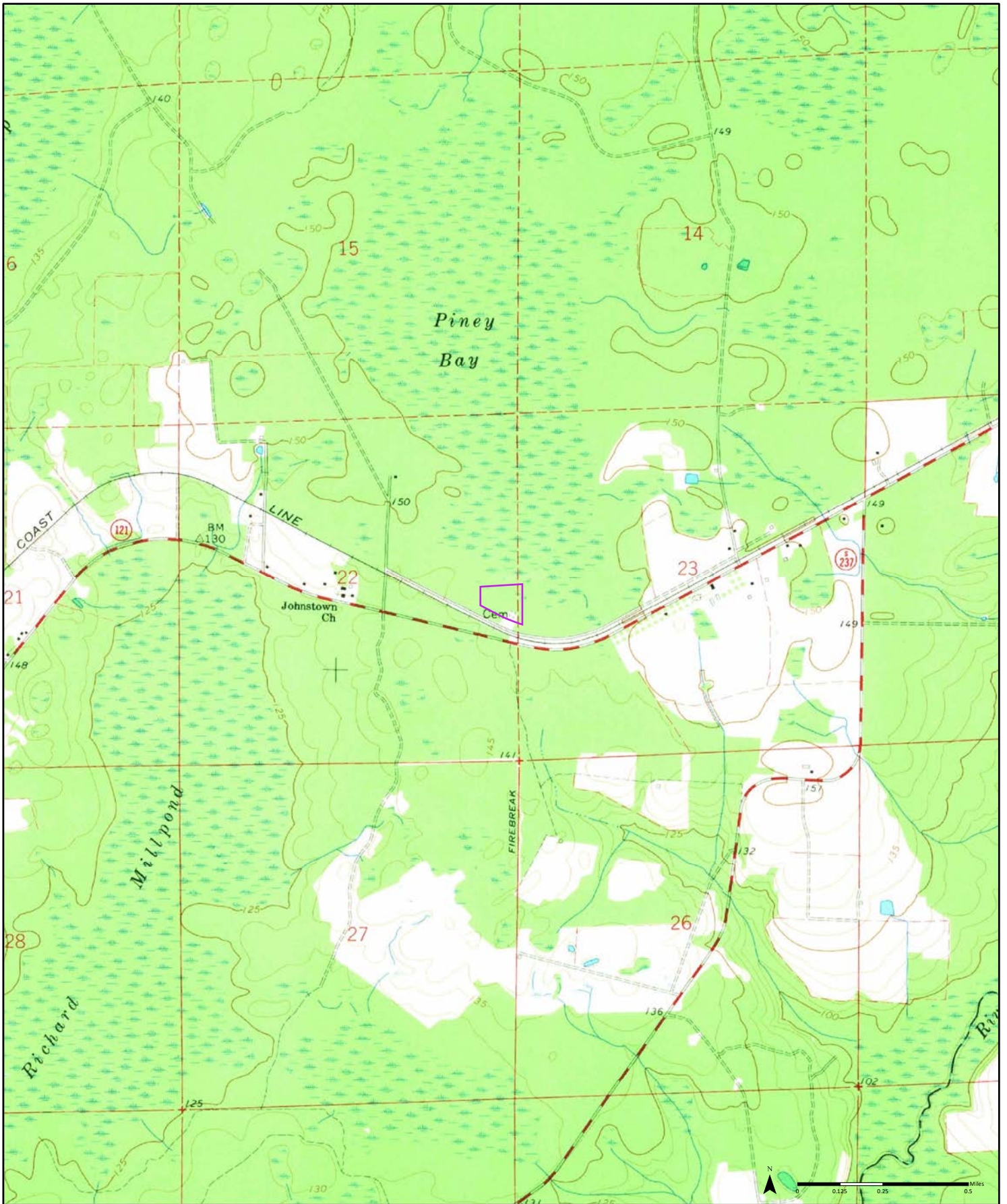
1984

(1-1984)  
Aerial Photo Year: 1964

Order No. 25022100640



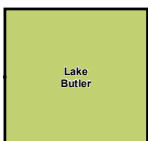
Available Quadrangle(s): Lake Butler, FL (1-1984)



1966

(1-1966)  
Aerial Photo Year: 1964

Order No. 25022100640



Available Quadrangle(s): Lake Butler, FL(1-1966)



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CITY  
**DIRECTORY**

**Project Property:** *Hartsfield Property  
20185 NE 118th Street  
Lake Butler, FL 32054*

**Project No:** *20165101.Task 23*

**Requested By:** *PPM Consultants, Inc.*

**Order No:** *25022100640*

**Date Completed:** *February 21, 2025*

**Environmental Risk Information Services**

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February 21, 2025  
RE: CITY DIRECTORY RESEARCH  
20185 NE 118th Street  
Lake Butler, FL 32054

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

**Search Criteria:**

ALL of NE 118th St  
10000-12000 of State Rd 121

**Search Notes:**

State Rd 121 is also known as 10000-12000 Main St in Lake Butler.

## Search Results Summary

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	

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20095 DEWAYNE VARNES...RESIDENTIAL  
20651 ANGELA MILLER...RESIDENTIAL  
20681 CADILYN BISHOP...RESIDENTIAL  
20681 PAMMY BISHOP...RESIDENTIAL  
20721 CONNIE COUCH...RESIDENTIAL  
20861 BEVERLY SILVER...RESIDENTIAL  
20861 CHARMIN MIZELL...RESIDENTIAL

10502 FAYANNE SPITZER...RESIDENTIAL  
10698 DANNY PLUMLEE...RESIDENTIAL  
10736 UNION POWER EQUIPMENT...LAWN MOWERS-PARTS & SUPPLIES  
10743 DEANA HENDRICKS...RESIDENTIAL  
10881 ANNIE HENDRICKS...RESIDENTIAL  
10897 DEBRA FLYNN...RESIDENTIAL  
11159 KATHY LANTER...RESIDENTIAL  
11201 DREW HENDRICKS...RESIDENTIAL  
11250 SANDRA DEWEES...RESIDENTIAL  
11445 RONALD GREEN...RESIDENTIAL  
11467 SHAWN GREEN...RESIDENTIAL  
11481 DAWN GREEN...RESIDENTIAL  
11583 ROY RAY JR...RESIDENTIAL  
11609 BILLY HALL...RESIDENTIAL  
11609 NETIT INC...UNCLASSIFIED ESTABLISHMENTS  
11609 NETIT 4 U INC...UNCLASSIFIED ESTABLISHMENTS  
11609 NETIT 4 U INC...COMPUTERS-NETWORKING  
11849 GLENN BARRICK...RESIDENTIAL  
11851 JENNIFER DANIEL...RESIDENTIAL  
11912 CHAD HARRISON...RESIDENTIAL  
11952 COLTEN MCALISTER...RESIDENTIAL

20095 DEWAYNE VARNES...RESIDENTIAL  
20651 ANGELA MILLER...RESIDENTIAL  
20681 CADILYN BISHOP...RESIDENTIAL  
20721 WILLIAM COUCH...RESIDENTIAL  
20861 BEVERLY SILVER...RESIDENTIAL  
20861 CHARMIN MIZELL...RESIDENTIAL

10698 DANNY PLUMLEE...RESIDENTIAL  
10736 UNION POWER EQUIPMENT...LAWN MOWERS-PARTS & SUPPLIES  
10743 DEANA HENDRICKS...RESIDENTIAL  
10881 ANNIE HENDRICKS...RESIDENTIAL  
10897 DEBRA FLYNN...RESIDENTIAL  
11159 KATHY LANTER...RESIDENTIAL  
11201 DREW HENDRICKS...RESIDENTIAL  
11250 SANDRA DEWEES...RESIDENTIAL  
11445 RONALD GREEN...RESIDENTIAL  
11467 SHAWN GREEN...RESIDENTIAL  
11481 DAWN GREEN...RESIDENTIAL  
11583 ROY RAY JR...RESIDENTIAL  
11609 BILLY HALL...RESIDENTIAL  
11609 NET IT INC...UNCLASSIFIED ESTABLISHMENTS  
11849 GLENN BARRICK...RESIDENTIAL  
11851 JENNIFER DANIEL...RESIDENTIAL  
11912 CHAD HARRISON...RESIDENTIAL  
11952 COLTEN MCALISTER...RESIDENTIAL

20095 DEWAYNE VARNES...RESIDENTIAL  
20095 JAKE VARNES...RESIDENTIAL  
20095 SANDRA VARNES...RESIDENTIAL  
20681 CADILYN BISHOP...RESIDENTIAL  
20681 PAMMY BISHOP...RESIDENTIAL  
20681 WILLIAM BISHOP...RESIDENTIAL  
20861 CHARMIN MIZELL...RESIDENTIAL  
20861 LONNIE MIZELL...RESIDENTIAL

10698 DANNY PLUMLEE...RESIDENTIAL  
10736 UNION POWER EQUIPMENT...LAWN MOWERS-PARTS & SUPPLIES  
10881 ANNIE HENDRICKS...RESIDENTIAL  
10881 FRANKLIN HENDRICKS...RESIDENTIAL  
10897 DEBRA FLYNN...RESIDENTIAL  
11159 KATHY LANTER...RESIDENTIAL  
11201 DREW HENDRICKS...RESIDENTIAL  
11481 MARIA PALMER...RESIDENTIAL  
11609 BILLY HALL...RESIDENTIAL  
11609 JEWEL HALL...RESIDENTIAL  
11609 KEITH HALL...RESIDENTIAL  
11609 NET IT INC...UNCLASSIFIED ESTABLISHMENTS  
11849 GLENN BARRICK...RESIDENTIAL  
11851 JENNIFER DANIEL...RESIDENTIAL  
11912 CHAD HARRISON...RESIDENTIAL  
11912 JANET HARRISON...RESIDENTIAL  
11912 JOHN HARRISON...RESIDENTIAL  
11952 KEMBERLY MCALISTER...RESIDENTIAL  
11952 MARK MCALISTER...RESIDENTIAL

20095 ALLAN VARNES...RESIDENTIAL  
 20095 BRENITA VARNES...RESIDENTIAL  
 20095 CARL VARNES...RESIDENTIAL  
 20095 DOYLE VARNES...RESIDENTIAL  
 20095 FRANCES VARNES...RESIDENTIAL  
 20095 JAKE VARNES...RESIDENTIAL  
 20681 PAM BISHOP...RESIDENTIAL  
 20681 WILLIAM BISHOP...RESIDENTIAL  
 20861 CHARMIN MIZELL...RESIDENTIAL

10698 CHRISTOPHER PLUMLEE...RESIDENTIAL  
 10698 DANNY PLUMLEE...RESIDENTIAL  
 10698 JOANNE PLUMLEE...RESIDENTIAL  
 10698 ROBERT PLUMLEE...RESIDENTIAL  
 10698 SALLY PLUMLEE...RESIDENTIAL  
 10698 THOMAS PLUMLEE...RESIDENTIAL  
 10736 UNION POWER EQUIPMENT...OUTDOOR POWER EQUIP STORES  
 10736 UNION POWER EQUIPMENT...LAWN,GARDEN EQUIP  
 10743 DEANA HENDRICKS...RESIDENTIAL  
 11201 ABYAR HENDRICKS...RESIDENTIAL  
 11201 DREW HENDRICKS...RESIDENTIAL  
 11201 JOSEPHINE HENDRICKS...RESIDENTIAL  
 11250 ARTHUR PETERSON...RESIDENTIAL  
 11250 ERIC PETERSON...RESIDENTIAL  
 11250 MARTHA PETERSON...RESIDENTIAL  
 11481 RICHARD DYER...RESIDENTIAL  
 11583 BILLY ATWOOD...RESIDENTIAL  
 11583 CREWS ATWOOD...RESIDENTIAL  
 11583 KIM ATWOOD...RESIDENTIAL  
 11609 BILLY HALL...RESIDENTIAL  
 11609 HALLS PRINTING & ADVG INC...COMMERCIAL LITHOGRAPHIC PRINTING  
 11609 JEWEL HALL...RESIDENTIAL  
 11609 KEITH HALL...RESIDENTIAL  
 11609 SIDNEY HALL...RESIDENTIAL  
 11849 GLENN BARRICK...RESIDENTIAL  
 11859 JOHNSTOWN BAPTIST CHURCH...CHURCHES  
 11859 JOHNSTOWN BAPTIST CHURCH...BAPTIST CHURCH  
 11859 PAUL GRIFFIS...RESIDENTIAL  
 11859 PAULETTE GRIFFIS...RESIDENTIAL  
 11859 RESSIE GRIFFIS...RESIDENTIAL  
 11912 CHAD HARRISON...RESIDENTIAL  
 11912 JANET HARRISON...RESIDENTIAL  
 11912 JOHN HARRISON...RESIDENTIAL  
 11912 KEMBERLY HARRISON...RESIDENTIAL  
 11952 KEMBERLY MCALISTER...RESIDENTIAL  
 11952 MARK MCALISTER...RESIDENTIAL

NO LISTING FOUND

- 10736 UNION POWER EQUIPMENT...LAWN,GARDEN EQUIP
- 11859 JOHNSTOWN BAPTIST CHURCH...BAPTIST CHURCH
- 11859 JOHNSTOWN BAPTIST CHURCH...CHURCHES

NO LISTING FOUND

NO LISTING FOUND

**2000**

**NE 118TH ST**

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

**2000**

**STATE RD 121**

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND



## **APPENDIX E – OTHER DOCUMENTATION**



---

## CHAIN OF TITLE & **LIEN SEARCHES**

**Project Property:** 20185 NE 118TH STREET  
LAKE BUTLER, FL 32054

**Order No:** 25022100640

**Date Completed:** 02/26/2025

Title to the estate or interest covered by this report appears to be vested in:  
*JOSEPH RONALD HARTSFIELD*

The following is the current property legal description (See deed for full legal description):

*THE NE 1/4 OF NE 1/4 OF SE 1/4 LYING NORTH OF COUNTY GRADED ROAD EXCEPT COFFIN CEMETERY (SEC 22-5-20)*

Assessor's Parcel Number(s):  
22-05-20-00-000-0163-0

# ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 25022100640

## TARGET PROPERTY INFORMATION

### ADDRESS

20185 NE 118TH STREET  
LAKE BUTLER, FL 32054

### RESEARCH SOURCES

RECORDER: UNION COUNTY RECORDER'S OFFICE

ASSESSOR: UNION COUNTY ASSESSOR'S OFFICE

STATE: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

FEDERAL: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OTHER: JUDICIAL RECORDS NOT SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION DOES NOT REQUIRE A SEARCH OF JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

NOTES: PUBLIC RECORDS OF UNION COUNTY, FL WERE SEARCHED FROM JANUARY 1, 1980 TO FEBRUARY 19, 2025, AND NO OTHER DEEDS VESTING TITLE IN THE SUBJECT PROPERTY WERE FOUND OF RECORD DURING THE PERIOD SEARCHED.

# ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 25022100640

## ENVIRONMENTAL LIENS

Environmental Lien:  NOT FOUND

## ACTIVITY AND USE LIMITATIONS (AULs)

AULs:  NOT FOUND

# ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 25022100640

## CHAIN OF TITLE TO 1980

1. Deed Type: GENERAL WARRANTY DEED  
Deed Date: 03/29/2022  
Recorded: 04/12/2022  
Grantor: GARY EDWARD BELL AND VICTORIA BELL  
Grantee: JOSEPH RONALD HARTSFIELD  
Instrument: BOOK 427 / PAGE 84  
Notes:
  
2. Deed Type: QUIT CLAIM DEED  
Deed Date: 10/30/2020  
Recorded: 11/13/2020  
Grantor: DOYLE E VARNES  
Grantee: GARY EDWARD BELL AND VICTORIA BELL  
Instrument: BOOK 405 / PAGE 452  
Notes:
  
3. Deed Type: WARRANTY DEED  
Deed Date: 10/30/2020  
Recorded: 11/13/2020  
Grantor: DOYLE E VARNES  
Grantee: GARY EDWARD BELL AND VICTORIA BELL  
Instrument: BOOK 405 / PAGE 452  
Notes: DEED CONTAINS ADDITIONAL PROPERTY
  
4. Deed Type: QUIT CLAIM DEED  
Deed Date: 10/30/2020  
Recorded: 11/13/2020  
Grantor: CARL L. VARNES AND BRENITA N VARNES  
Grantee: DOYLE E VARNES  
Instrument: BOOK 405 / PAGE 437  
Notes:
  
5. Deed Type: DEED  
Deed Date: 06/18/1974  
Recorded: 06/26/1974  
Grantor: JAKE L. VARNES AND LOUISE M VARNES, HIS WIFE, AND DOYLE E VARNES AND FRANCES VARNES, HIS WIFE  
Grantee: DOYLE E VARNES AND FRANCES M VARNES, HIS WIFE, AS AN ESTATE BY THE ENTIRETY  
Instrument: BOOK 25 / PAGE 120  
Notes: RESEARCH CONDUCTED BACK TO 1980. THIS IS THE OLDEST DEED OF RECORD FOUND WITHIN SCOPE OF SEARCH.

# ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 25022100640

## LEASES AND MISCELLANEOUS

Comments: NONE IDENTIFIED.

# ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 25022100640

The ERIS Environmental Lien Search Report to 1980 provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's office, registries of deeds, county clerks' offices, etc.
- Access copies of deeds to 1980
- Search for environmental encumbrance(s) associated with the deeds
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deeds or cite documents reviewed

## **Thank You for Your Business**

Please contact ERIS at **416-510-5204** or **info@erisinfo.com**  
with any questions or comments

## **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS – Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



## **DEED EXHIBIT**

4/12/22

Prepared by:

Ashlie Luckey, Esq.  
Florida Legal Title, LLC  
4045 NW 43rd Street, Suite B  
Gainesville, Florida 32606

File Number: 664922BELL.

## General Warranty Deed

Made this March 29, 2022 A.D. by **Gary Edward Bell and Victoria Bell, husband and wife**, whose address is: 11989 NE 198th Ave, Lake Butler, Florida 32054, hereinafter called the grantor, to **Joseph Ronald Hartsfield, a single man**, whose address is: 10349 Marble Egret Drive, Jacksonville, Florida 32257, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

**Witnesseth** that the grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Union County, Florida, viz:

THAT PORTION OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 22, TOWNSHIP 5 SOUTH, RANGE 20 EAST, UNION COUNTY, FLORIDA, LYING NORTH OF THE APPARENT NORTH MAINTAINED RIGHT OF WAY LINE OF COUNTY MAINTAINED GRADED ROAD (NE 118TH ST) LESS AND EXCEPT THAT PORTION OF COFFIN CEMETARY AS DESCRIBED IN OR BOOK 17, PAGE 118, PUBLIC RECORDS OF UNION COUNTY, FLORIDA. ALSO LESS ANY PORTION OF THE ABOVE DESCRIBED THAT MAY BE CONTAINED IN LANDS CONVEYED IN OR BOOK 90, PAGE 505, PUBLIC RECORDS OF UNION COUNTY, FLORIDA.

Parcel ID Number: 22-05-20-00-000-0160-0

**Together** with all the tenements, hereditaments and appurtenances thereto belonging or in anyway appertaining.

**To Have and to Hold**, the same in fee simple forever.

**And** the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2021.

Prepared by:

Ashlie Luckey, Esq.  
Florida Legal Title, LLC  
4045 NW 43rd Street, Suite B  
Gainesville, Florida 32606

File Number: 664922BELL

**In Witness Whereof**, the said grantor has signed and sealed these presents the day and year first above written.

*Signed, sealed and delivered in our presence:*

*Rachel Munsell*  
WITNESS-SIGN  
Witness Printed Name Rachel Munsell

*Gary Edward Bell* (Seal)  
Gary Edward Bell

*Joni White*  
WITNESS-SIGN  
Witness Printed Name Joni White

*Victoria Bell* (Seal)  
Victoria Bell

State of Florida  
County of Alachua

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization, this 25 day of March, 2022, by Gary Edward Bell and Victoria Bell, husband and wife, who is/are personally known to me or who has produced a driver's license as identification.

*TERRI WOOTEN*  
Notary Public  
Print Name: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_



# Union County Property Appraiser

Bruce D. Dukes

**2025 Working Values**

updated: 2/20/2025

Parcel: << 22-05-20-00-000-0163-0 (7390) >>

Aerial Viewer Google Maps

## Owner & Property Info

Result: 1 of 1

Owner	HARTSFIELD JOSEPH RONALD 10349 MARBLE EGRET DRIVE JACKSONVILLE, FL 32257		
Site	20185 NE 118TH STREET, LAKE BUTLER		
Description*	THE NE 1/4 OF NE 1/4 OF SE 1/4 LYING NORTH OF COUNTY GRADED ROAD EXCEPT COFFIN CEMETERY (SEC 22-5-20)		
Land Area	6.9 AC (Please see Acreage Note in the Land Breakdown section below)	S/T/R	22/05/20
Use Code**	PASTURELAND 2 (6100)	Tax District	UNION CO (1)

\*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

\*\*The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.



## Property & Assessment Values

Mkt Land	\$0	Total Appraised	\$1,311
Ag Land	\$1,311	SOH/10% Cap	\$0
Building	\$0	Assessed	\$1,311
XFOB	\$0	Exempt	\$0
Just	\$49,162		county: \$1,311
Class	\$1,311	Total Taxable	other:\$0 school: \$1,311

NOTE: Property ownership changes can cause the Assessed value of the property to reset to full Market value, which could result in higher property taxes.

## Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Qualification (Codes)	RCode
3/29/2022	\$55,000	427 / 084	WD	V	Q	01
10/30/2020	\$100	405 / 452	WD	V	U	11
10/30/2020	\$335,000	405 / 437	WD	I	Q	01
10/29/2020	\$100	405 / 450	WD	V	U	11

## Building Characteristics

Bldg Item	* Bldg Desc	Year Blt	Base SF	Actual SF	Bldg Value
NONE					

## Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims
NONE					

## Land Breakdown

Code	Desc	* Units	Adjustments	Eff Rate	Land Value
5630	TIMB MIX (AG)	6.900 AC	1.0000/1.0000 1.0000/ /	\$190 /AC	\$1,311
9910	MKT.VAL.AG (MKT)	6.900 AC	1.0000/1.0000 1.0000/.7500000 /	\$7,125 /AC	\$49,162

Acreage Note: When there is an 'FF' calculation in the \*Units column, the acreage in the Land Area field above may not reflect the total amount of acreage for the parcel. Please feel free to contact our office for more information.

Search Result: 1 of 1

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by: GrizzlyLogic.com

The information presented on this website was derived from data which was compiled by the **Union County Property Appraiser** solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. The GIS Map image is not a survey and shall not be used in a Title Search or any official capacity. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. This website was last updated: 2/20/2025 and may not reflect the data currently on file at our office.



## Property Information

Order Number:	25022100640p
Date Completed:	February 23, 2025
Project Number:	20165101.Task 23
Project Property:	Hartsfield Property 20185 NE 118th Street Lake Butler FL 32054
Coordinates:	
Latitude:	30.04467147
Longitude:	-82.28350193
UTM Northing:	3324429.3274 Meters
UTM Easting:	376259.490257 Meters
UTM Zone:	UTM Zone 17R
Elevation:	146.90 ft
Slope Direction:	ENE

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Hydrologic Information.....	4
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The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

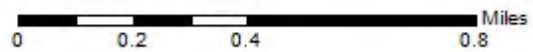
### Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

# Topographic Information



**Current USGS Topo (2021)**



**Quadrangle(s): Lake Butler, FL**

Source: USGS 75 Minute Topographic Map

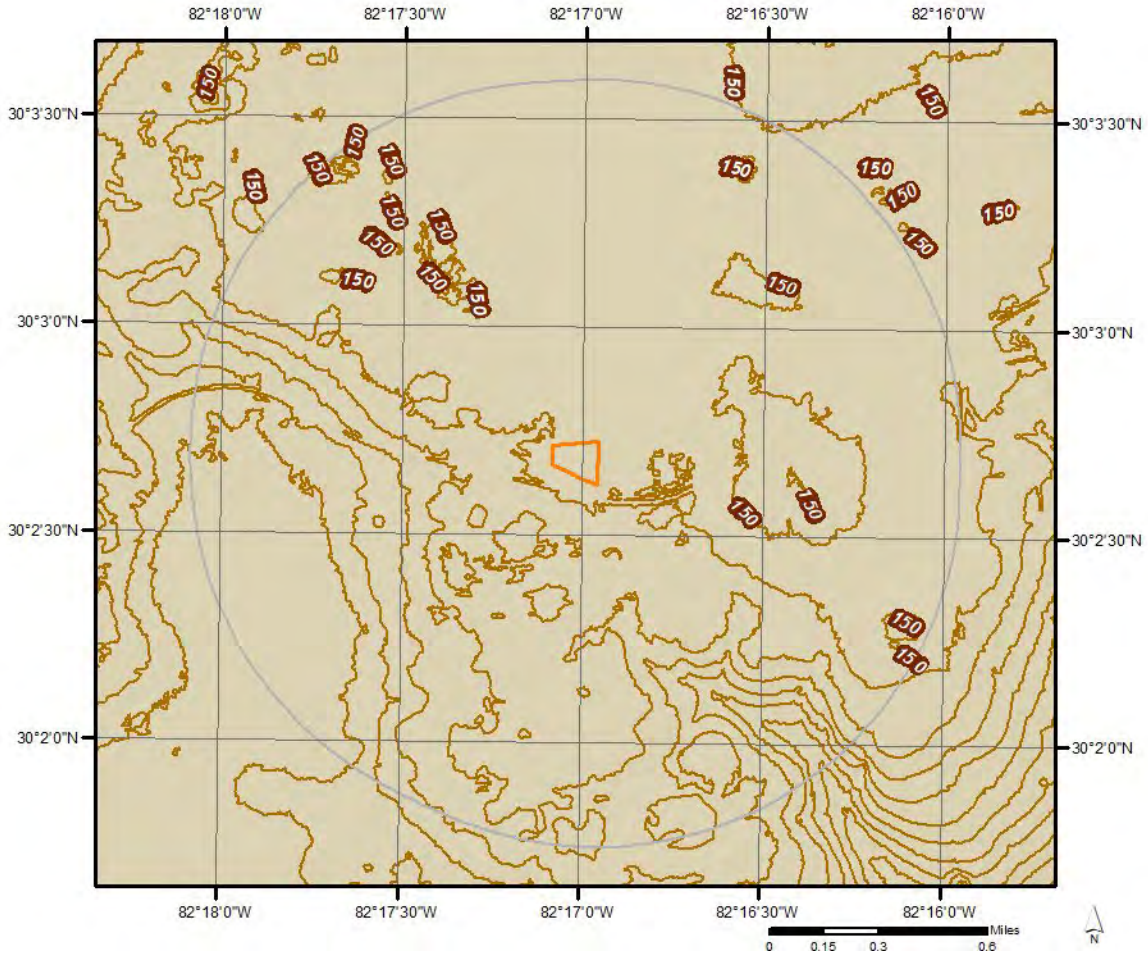


# Topographic Information

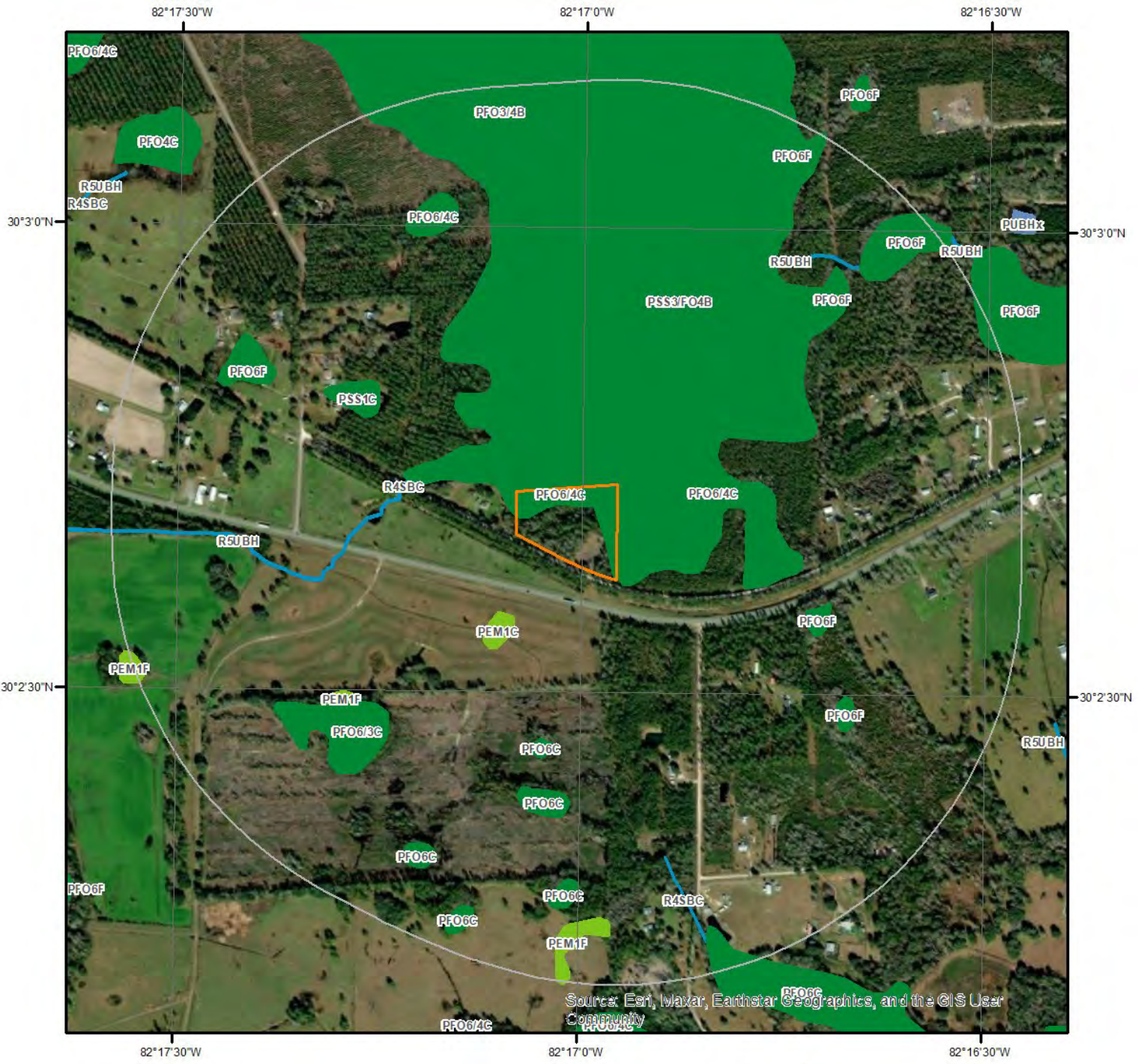
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

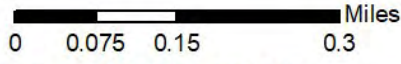
Elevation: 146.90 ft  
Slope Direction: ENE




# Hydrologic Information



## Wetland

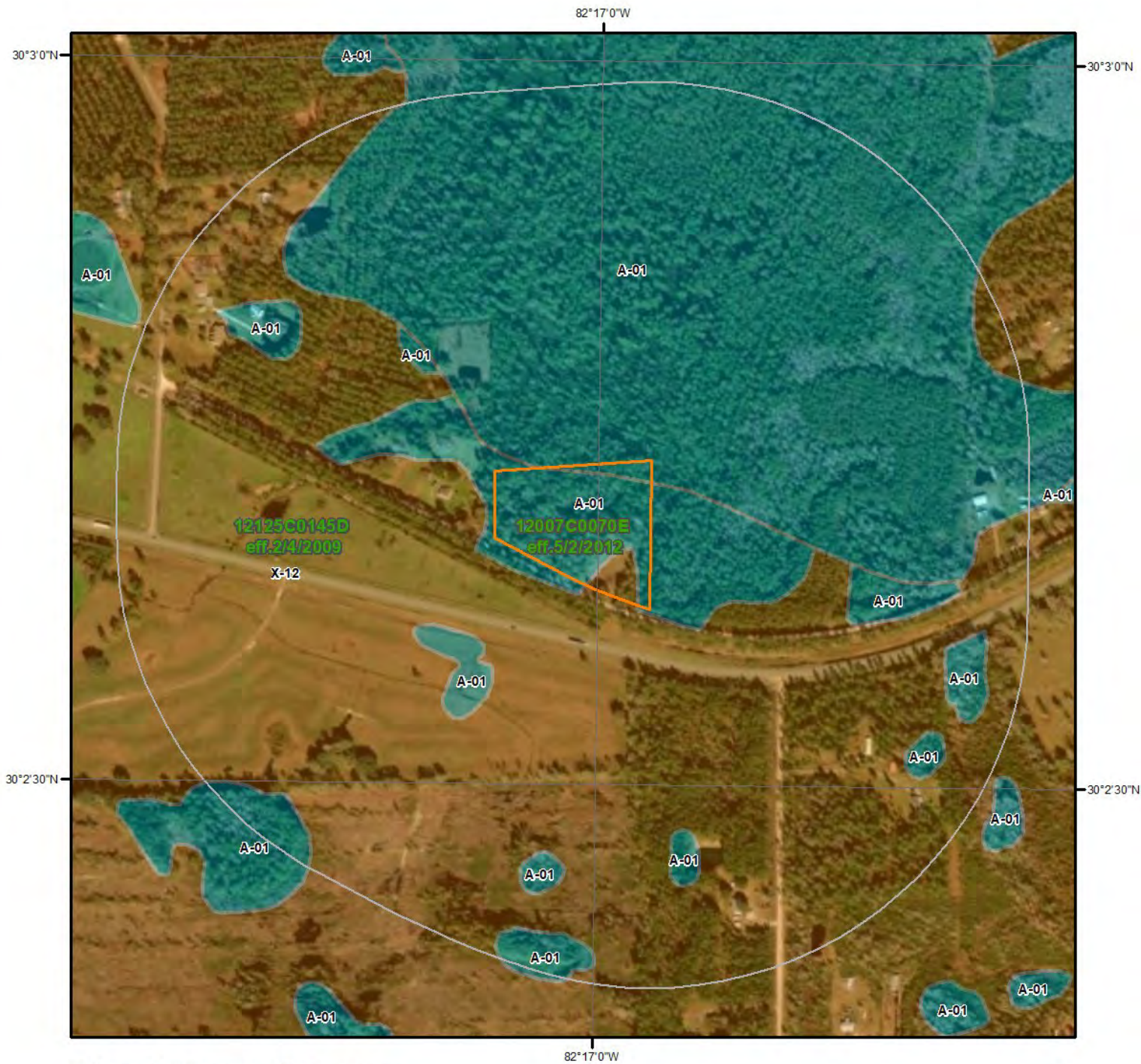


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- |   |   |
|---|---|
|  Estuarine and Marine Deepwater    |  Freshwater Pond |
|  Estuarine and Marine Wetland      |  Lake            |
|  Freshwater Emergent Wetland       |  Other           |
|  Freshwater Forested/Shrub Wetland |  Riverine        |



# Hydrologic Information

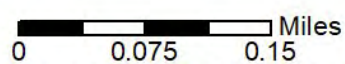


## Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlaid. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard

- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water



**Quadrangle(s): Lake Butler, FL**



## Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

---

Available FIRM Panels in area: 12007C0070E(effective:2012-05-02) 12125C0145D(effective:2009-02-04)

---

### Flood Zone A-01

Zone: A

Zone subtype:

---

### Flood Zone X-12

Zone: X

Zone subtype: AREA OF MINIMAL FLOOD HAZARD

# Hydrologic Information

## FEMA Flood Zone Definitions

### Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

### Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

## Hydrologic Information

### Moderate and Minimal Risk Areas

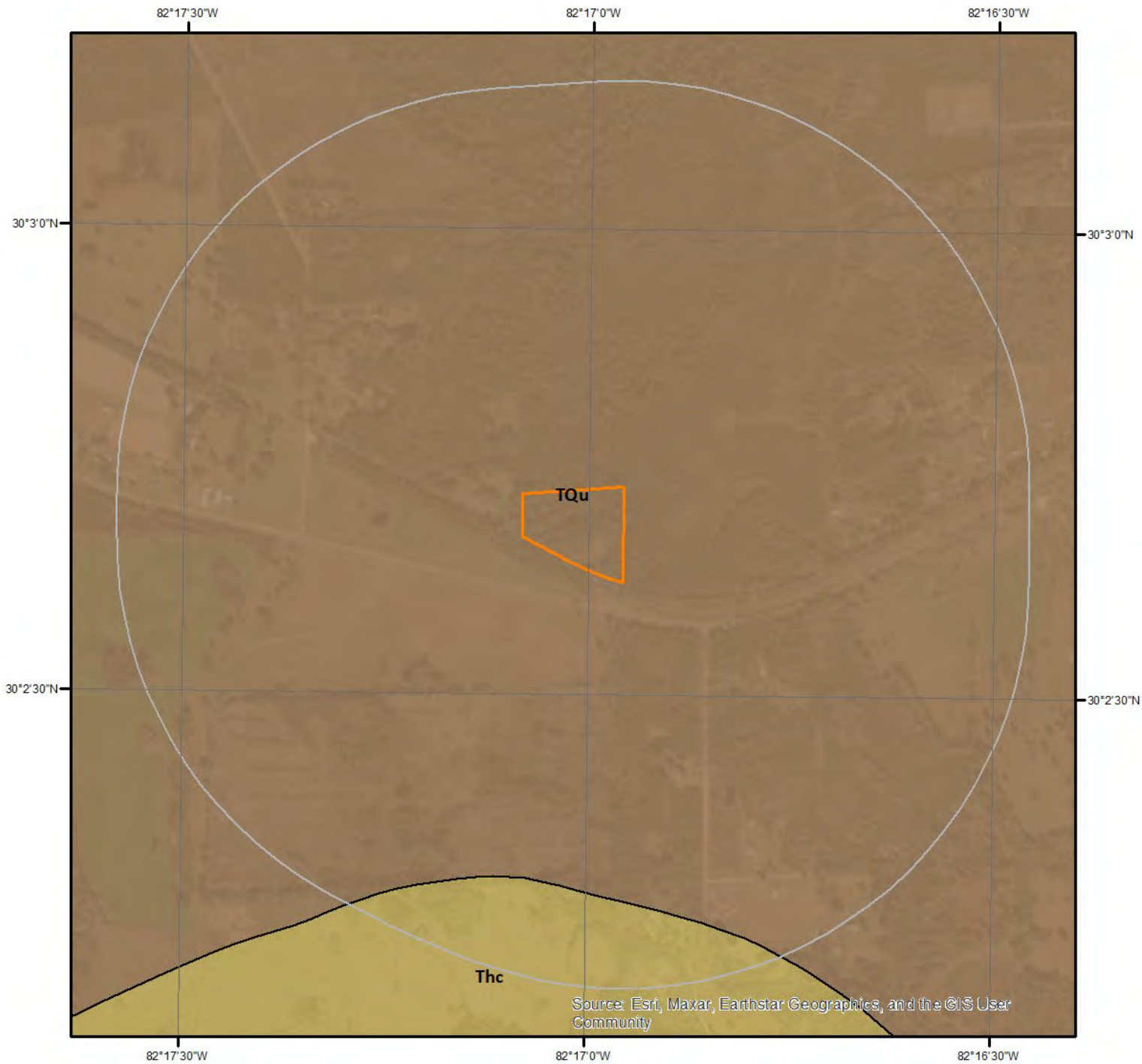
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

### Undetermined Risk Areas

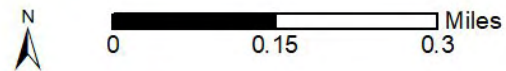
ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

# Geologic Information



## Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



## Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

---

### Geologic Unit Thc

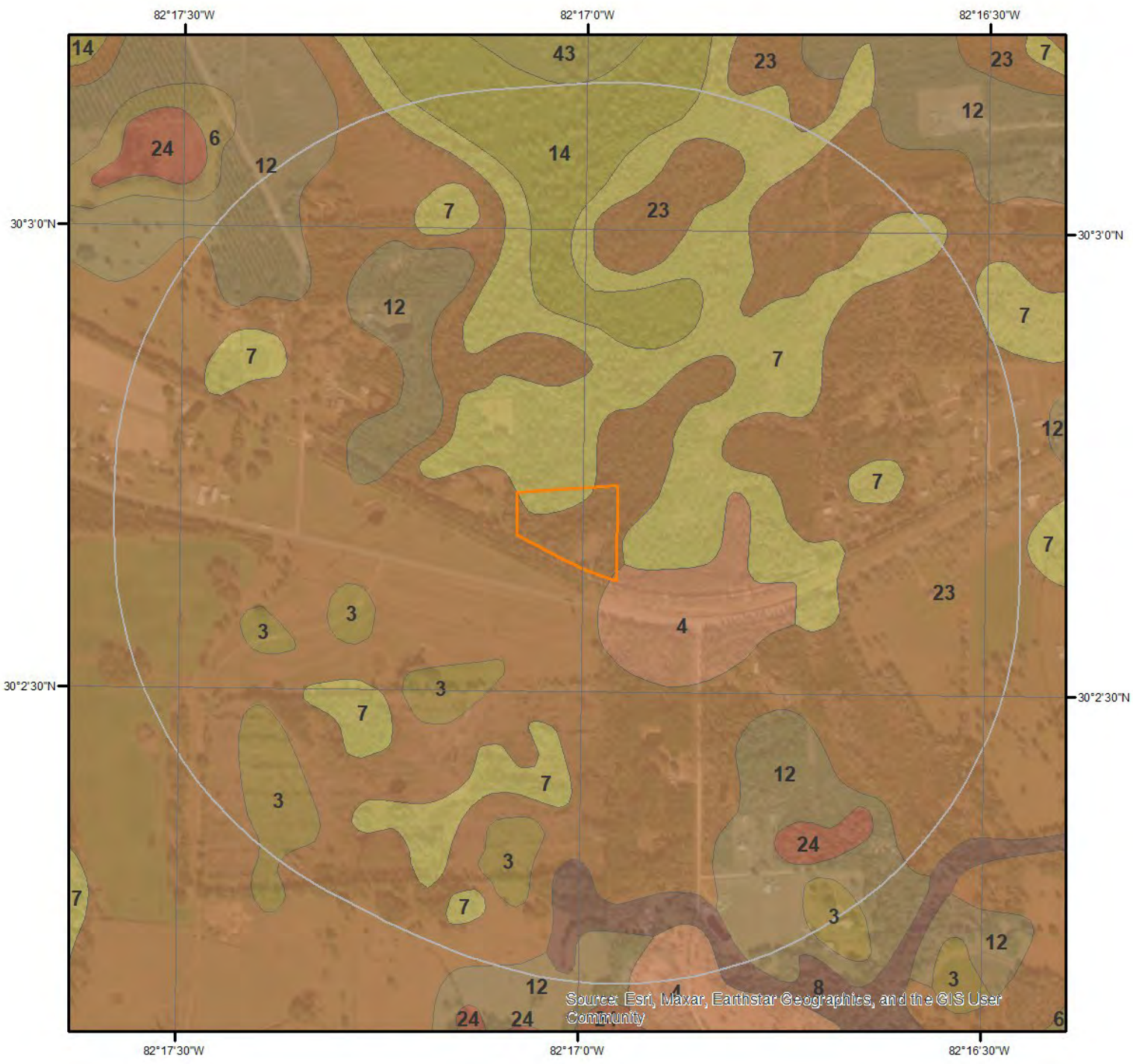
Unit Name:	Hawthorn Group, Coosawhatchie Formation
Unit Age:	Miocene
Primary Rock Type:	Sand
Secondary Rock Type:	Clay
Unit Description:	<p>The Coosawhatchie Formation is exposed or lies beneath a thin overburden on the eastern flank of the Ocala Platform from southern Columbia County to southern Marion County. Within the outcrop region, the Coosawhatchie Formation varies from a light gray to olive gray, poorly consolidated, variably clayey and phosphatic sand with few fossils, to an olive gray, poorly to moderately consolidated, slightly sandy, silty clay with few to no fossils. Occasionally the sands will contain a dolomitic component and, rarely, the dominant lithology will be dolostone or limestone. Silicified nodules are often present in the Coosawhatchie Formation sediments in the outcrop region. The sediment may contain 20 percent or more phosphate (Scott, 1988). Permeability of the Coosawhatchie sediments is generally low, forming part of the intermediate confining unit/aquifer system.</p>

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### Geologic Unit TQu

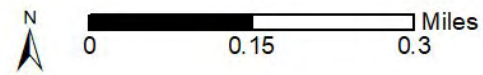
Unit Name:	Undifferentiated sediments
Unit Age:	Pliocene/Pleistocene
Primary Rock Type:	Sand
Secondary Rock Type:	Clay
Unit Description:	<p>Undifferentiated Tertiary-Quaternary Sediments - These sediments are siliciclastics that are separated from undifferentiated Quaternary sediments solely on the basis of elevation. Based on the suggestion that the Pleistocene sea levels reached a maximum of approximately 100 feet (30 meters) msl (Colquhoun, 1969), these sediments, which occur above 100 feet (30 meters) msl, are predominantly older than Pleistocene but contain some sediments reworked during the Pleistocene. This unit may include fluvial and aeolian deposits. The undifferentiated Tertiary-Quaternary sediments occur in a band extending from the Georgia-Florida state line in Baker and Columbia Counties southward to Alachua County. These sediments are gray to blue green, unconsolidated to poorly consolidated, fine to coarse grained, clean to clayey, unfossiliferous sands, sandy clays and clays. Organic debris and disseminated organics are present in these sediments. The undifferentiated Tertiary-Quaternary sediments are part of the surficial aquifer system.</p>

# Soil Information



## SSURGO Soils

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



## Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

### Map Unit 12 (1.1%)

Map Unit Name:	Sapelo sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	31cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Sapelo(90%)	
horizon A(0cm to 20cm)	Fine sand
horizon E(20cm to 38cm)	Fine sand
horizon Bh(38cm to 74cm)	Fine sand
horizon E'(74cm to 127cm)	Fine sand
horizon Btg(127cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 12 - Sapelo sand

Component: Sapelo (90%)

The Sapelo component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Pelham (4%)

Generated brief soil descriptions are created for major soil components. The Pelham, non-hydric soil is a minor component.

Component: Surrency (3%)

Generated brief soil descriptions are created for major soil components. The Surrency, depressional soil is a minor component.

Component: Starke (3%)

Generated brief soil descriptions are created for major soil components. The Starke soil is a minor component.

### Map Unit 14 (1.54%)

Map Unit Name:	Pamlico and Croatan mucks
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Pamlico(50%)	
horizon Oa(0cm to 102cm)	Muck

## Soil Information

horizon Cg(102cm to 203cm)	Sand
Croatan(40%)	
horizon Oa(0cm to 58cm)	Muck
horizon C(58cm to 76cm)	Mucky sandy loam
horizon Cg(76cm to 203cm)	Sandy clay loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: 14 - Pamlico and Croatan mucks

#### Component: Pamlico (50%)

The Pamlico component makes up 50 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of herbaceous organic material over sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is rarely flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 50 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

#### Component: Croatan (40%)

The Croatan component makes up 40 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of organic material over loamy marine or fluvial deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is rarely flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 43 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

#### Component: Surrency (10%)

Generated brief soil descriptions are created for major soil components. The Surrency, depressional soil is a minor component.

---

### Map Unit 23 (95.21%)

Map Unit Name:	Pelham complex, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

#### Pelham(56%)

horizon A(0cm to 15cm)	Fine sand
horizon Eg(15cm to 66cm)	Fine sand
horizon Btg1(66cm to 99cm)	Fine sandy loam
horizon Btg2(99cm to 211cm)	Sandy clay loam

#### Pelham(38%)

horizon A(0cm to 13cm)	Fine sand
horizon Eg(13cm to 56cm)	Fine sand
horizon Btg1(56cm to 89cm)	Fine sandy loam
horizon Btg2(89cm to 203cm)	Sandy clay loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: 23 - Pelham complex, 0 to 2 percent slopes

## Soil Information

### Component: Pelham (56%)

The Pelham component makes up 56 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods, lower coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, May, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

### Component: Pelham (38%)

The Pelham, ponded component makes up 38 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on lower coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, November, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

### Component: Albany (3%)

Generated brief soil descriptions are created for major soil components. The Albany soil is a minor component.

### Component: Surrency (3%)

Generated brief soil descriptions are created for major soil components. The Surrency soil is a minor component.

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### Map Unit 24 (0.02%)

Map Unit Name:	Starke mucky fine sand, depressional
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

#### Starke(90%)

horizon A1(0cm to 18cm)	Mucky fine sand
horizon A2(18cm to 46cm)	Fine sand
horizon Eg(46cm to 117cm)	Fine sand
horizon Btg(117cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 24 - Starke mucky fine sand, depressional

### Component: Starke (90%)

The Starke component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 15 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

### Component: Croatan (4%)

Generated brief soil descriptions are created for major soil components. The Croatan soil is a minor component.

### Component: Plummer (3%)

## Soil Information

Generated brief soil descriptions are created for major soil components. The Plummer, non-hydric soil is a minor component.

Component: Pamlico (3%)

Generated brief soil descriptions are created for major soil components. The Pamlico soil is a minor component.

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### Map Unit 3 (0.18%)

Map Unit Name:	Ocilla fine sand, 0 to 5 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	53cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Ocilla(90%)	
horizon A(0cm to 20cm)	Fine sand
horizon E(20cm to 64cm)	Fine sand
horizon Btg(64cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 3 - Ocilla fine sand, 0 to 5 percent slopes

Component: Ocilla (90%)

The Ocilla component makes up 90 percent of the map unit. Slopes are 0 to 5 percent. This component is on rises on marine terraces on coastal plains, knolls on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Blanton (4%)

Generated brief soil descriptions are created for major soil components. The Blanton soil is a minor component.

Component: Pelham (3%)

Generated brief soil descriptions are created for major soil components. The Pelham, wet soil is a minor component.

Component: Mascotte (3%)

Generated brief soil descriptions are created for major soil components. The Mascotte soil is a minor component.

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### Map Unit 4 (0.29%)

Map Unit Name:	Mascotte sand, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	31cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Mascotte(90%)	
horizon A(0cm to 23cm)	Sand
horizon Eg(23cm to 38cm)	Sand
horizon Bh(38cm to 94cm)	Sand
horizon Btg1(94cm to 145cm)	Sandy clay loam

## Soil Information

horizon Btg2(145cm to 203cm)

Sandy loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: 4 - Mascotte sand, 0 to 2 percent slopes

#### Component: Mascotte (90%)

The Mascotte component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, lower coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, May, June, July. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria.

#### Component: Pelham (4%)

Generated brief soil descriptions are created for major soil components. The Pelham soil is a minor component.

#### Component: Ocilla (3%)

Generated brief soil descriptions are created for major soil components. The Ocilla soil is a minor component.

#### Component: Surrency (3%)

Generated brief soil descriptions are created for major soil components. The Surrency soil is a minor component.

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### Map Unit 7 (1.34%)

Map Unit Name: Surrency and Pantego soils, depressional

Bedrock Depth - Min: null

Watertable Depth - Annual Min: 0cm

Drainage Class - Dominant: Very poorly drained

Hydrologic Group - Dominant: A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

#### Surrency(62%)

horizon A(0cm to 23cm)

Mucky fine sand

horizon Eg(23cm to 76cm)

Sand

horizon Btg1(76cm to 114cm)

Sandy loam

horizon Btg2(114cm to 203cm)

Sandy clay loam

#### Pantego(30%)

horizon A(0cm to 38cm)

Mucky loamy sand

horizon Btg1(38cm to 81cm)

Sandy clay loam

horizon Btg2(81cm to 163cm)

Sandy clay

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: 7 - Surrency and Pantego soils, depressional

#### Component: Surrency (62%)

The Surrency, depressional component makes up 62 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during June, July, August, September, October, November. Organic matter content in the surface horizon is about 15 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

#### Component: Pantego (30%)

## Soil Information

The Pantego, depressional component makes up 30 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during June, July, August, September, October, November. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Croatan (3%)

Generated brief soil descriptions are created for major soil components. The Croatan soil is a minor component.

Component: Pamlico (3%)

Generated brief soil descriptions are created for major soil components. The Pamlico soil is a minor component.

Component: Plummer (2%)

Generated brief soil descriptions are created for major soil components. The Plummer, wet soil is a minor component.

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### Map Unit 8 (0.32%)

Map Unit Name:	Surrency and Pantego soils, frequently flooded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Surrency(60%)

horizon A(0cm to 30cm)	Mucky fine sand
horizon Eg(30cm to 81cm)	Fine sand
horizon Btg1(81cm to 170cm)	Sandy loam
horizon Btg2(170cm to 203cm)	Sandy clay loam

Pantego(35%)

horizon A1(0cm to 25cm)	Mucky loamy sand
horizon A2(25cm to 41cm)	Loamy fine sand
horizon Btg(41cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 8 - Surrency and Pantego soils, frequently flooded

Component: Surrency (60%)

The Surrency, flooded component makes up 60 percent of the map unit. Slopes are 0 to 1 percent. This component is on flood plains on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 15 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Pantego (35%)

The Pantego component makes up 35 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on marine terraces on coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface. The

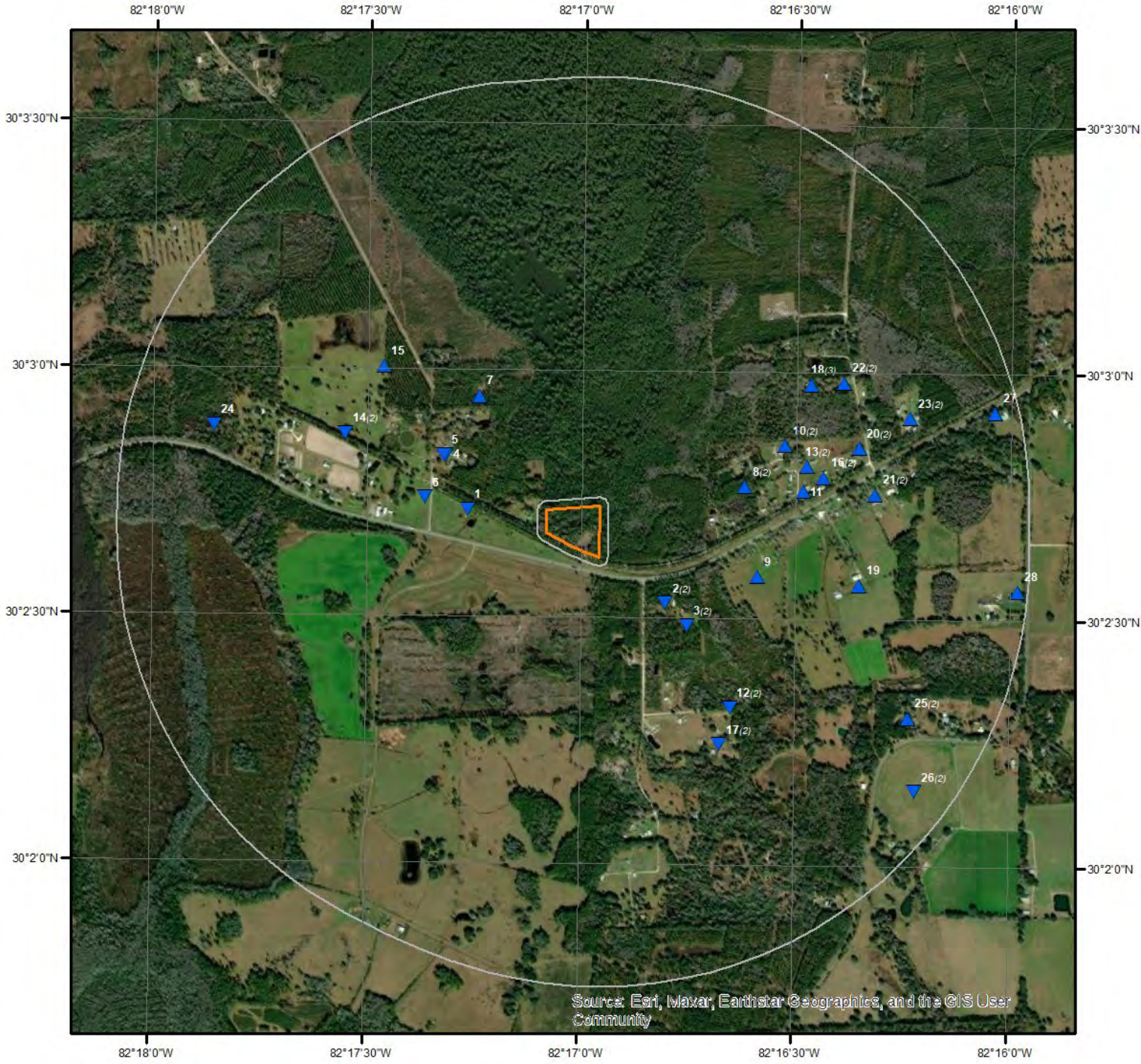
## Soil Information

soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Croatan (5%)

Generated brief soil descriptions are created for major soil components. The Croatan soil is a minor component.

# Wells and Additional Sources



## Wells & Additional Sources



- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources Summary

## Federal Sources

### Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

### Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

### USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
24	USGS-02321195	4215.13	WNW

## State Sources

### Florida Subsidence Incident Reports

Map Key	ID	Distance (ft)	Direction
	No records found		

### Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

### Public Water Supply Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

### Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

### Water Use Permits Sites - South Florida Water Management District

Map Key	ID	Distance (ft)	Direction
	No records found		

## Wells and Additional Sources Summary

### Water Well Completions - Northwest Florida Water Management District

Map Key	ID	Distance (ft)	Direction
No records found			

### Water Well Completions - St. Johns River Water Management District

Map Key	ID	Distance (ft)	Direction
No records found			

### Water Well Completions - Suwanee River Water Management District

Map Key	Permit	Distance (ft)	Direction
1	3-125-244929-1	968.47	W
2	3-125-202655-1	989.63	SE
3	3-125-172696-1	1368.56	SE
4	3-125-242264-1	1402.18	WNW
5	3-125-242141-1	1424.79	WNW
6	3-125-243144-1	1498.16	WNW
7	3-125-245174-1	1622.63	NW
8	3-125-175857-1	1806.76	ENE
9	3-125-233163-1	1958.12	ESE
10	3-125-230864-1	2400.24	ENE
11	3-125-237940-1	2508.01	E
12	3-125-226786-1	2455.05	SE
13	3-125-215385-1	2599.57	ENE
14	3-125-2267-1	2640.60	WNW
15	3-125-243807-1	2661.98	NW
16	3-125-231905-1	2777.20	ENE
17	3-125-227778-1	2736.64	SSE
18	3-125-215096-1	3006.27	ENE
18	3-125-215096-1	3006.27	ENE
19	3-125-243193-1	3212.07	ESE
20	3-125-229123-1	3272.02	ENE
21	3-125-231533-1	3393.38	E
22	3-125-225533-1	3368.43	ENE
23	3-125-230203-1	3971.97	ENE
25	3-125-21134-1	4277.24	ESE
26	3-001-28855-1	4830.55	SE
27	3-125-248024-1	4996.94	ENE
28	3-125-238170-1	5156.50	E

### Water Well Construction Permits

Map Key	ID	Distance (ft)	Direction
No records found			

### Water Well Construction Permits - Southwest Florida Water Management District

Map Key	ID	Distance (ft)	Direction
No records found			

### Water Wells - Suwanee River Water Management District

Map Key	Station ID	Distance (ft)	Direction
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## Wells and Additional Sources Summary

2	117709	989.63	SE
3	107711	1368.56	SE
8	110872	1806.76	ENE
10	132379	2400.24	ENE
12	124594	2455.05	SE
13	118573	2599.57	ENE
14	2609	2640.60	WNW
16	133471	2777.20	ENE
17	126073	2736.64	SSE
18	118198	3006.27	ENE
20	127708	3272.02	ENE
21	133070	3393.38	E
22	123245	3368.43	ENE
23	131700	3971.97	ENE
25	21476	4277.24	ESE
26	29197	4830.55	SE

### Well Surveillance Program Water Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

# Wells and Additional Sources Detail Report

## USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	WNW	0.80	4,215.13	133.79	FED USGS

Site No: USGS-02321195  
 Site Type: Stream  
 Formation Type:  
 Date Drilled:  
 Well Depth:  
 Well Depth Unit:  
 Well Hole Depth:  
 Well Hole Depth Unit:  
 Reporting Agency: USGS Florida Water Science Center  
 Station Name: RICHARD CREEK AT HWY121 NEAR LAKE BUTLER,FL  
 Latitude: 30.04801640000000  
 Longitude: -82.2976122000000

## Water Well Completions - Suwanee River Water Management District

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	W	0.18	968.47	142.61	WELLS

Permit:	3-125-244929-1	Owner Name:	Hays Frank
Legacy No:		Contractor Name:	Kamryn Underhill
Station ID:	150295	Contractor License:	2689
Compliance No:	148082	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Kamryn Underhill
Total Depth:	240	County:	Union
Casing Depth:	183	Section:	22
Static Wtr Level Ft:	81	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	1/6/2023	Latitude:	300242.907
Issued:	1/3/2023	Longitude:	821715.8272
Delineated No:		Delineated Area:	No
Well Street Address:	11989 Ne 198th Ave		
Location Address1:	11989 Ne 198th Ave		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SE	0.19	989.63	145.28	WELLS

## Wells and Additional Sources Detail Report

Permit:	3-125-202655-1	Owner Name:	COUNTRY FEDERAL CREDIT UNION
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	117709	Contractor License:	2651
Compliance No:	116668	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Dillan Clyatt
Total Depth:	160	County:	Union
Casing Depth:	110	Section:	23
Static Wtr Level Ft:	47	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	3/27/2014	Latitude:	300231.6968
Issued:	3/24/2014	Longitude:	821648.0756
Delineated No:		Delineated Area:	No
Well Street Address:	204TH LANE		
Location Address1:	204TH LANE		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.26	1,368.56	144.77	WELLS

Permit:	3-125-172696-1	Owner Name:	RONALD FRAZIER
Legacy No:	97544	Contractor Name:	William Bias
Station ID:	107711	Contractor License:	2666
Compliance No:	107251	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	BIAS WILLIAM D.
Total Depth:	147	County:	Union
Casing Depth:	120	Section:	23
Static Wtr Level Ft:	56	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	2/19/2008	Latitude:	300229
Issued:	2/6/2008	Longitude:	821645
Delineated No:		Delineated Area:	No
Well Street Address:			
Location Address1:			
Location Address2:			
Location City:			
Location State:			
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	WNW	0.27	1,402.18	145.63	WELLS

Permit:	3-125-242264-1	Owner Name:	Varnes Carl Lang & Brenita M
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## Wells and Additional Sources Detail Report

Legacy No:		Contractor Name:	Kamryn Underhill
Station ID:	147424	Contractor License:	2689
Compliance No:	144058	Type of Work:	Abandonment
Well Use:	Domestic	Driller Name:	Kamryn Underhill
Total Depth:	160	County:	Union
Casing Depth:	130	Section:	22
Static Wtr Level Ft:	30	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	3/10/2022	Latitude:	300249.4922
Issued:	3/8/2022	Longitude:	821718.8822
Delineated No:		Delineated Area:	No
Well Street Address:	11906 Ne 198th Ave		
Location Address1:	11906 Ne 198th Ave		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	WNW	0.27	1,424.79	145.84	WELLS

Permit:	3-125-242141-1	Owner Name:	Varnes Carl Lang & Brenita M
Legacy No:		Contractor Name:	Kamryn Underhill
Station ID:	147291	Contractor License:	2689
Compliance No:	143904	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Kamryn Underhill
Total Depth:	255	County:	Union
Casing Depth:	245	Section:	22
Static Wtr Level Ft:	81	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	3/10/2022	Latitude:	300249.4804
Issued:	2/25/2022	Longitude:	821719.1803
Delineated No:		Delineated Area:	No
Well Street Address:	11906 Ne 198th Ave		
Location Address1:	11906 Ne 198th Ave		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	WNW	0.28	1,498.16	143.99	WELLS

Permit:	3-125-243144-1	Owner Name:	WORTEN MICHAEL
Legacy No:		Contractor Name:	Barton Andrews, JR.
Station ID:	148346	Contractor License:	2699

## Wells and Additional Sources Detail Report

Compliance No:	145187	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	TRISTAN ANDREWS
Total Depth:	160	County:	Union
Casing Depth:	94	Section:	22
Static Wtr Level Ft:	30	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	6/27/2022	Latitude:	300244.2763
Issued:	6/1/2022	Longitude:	821721.7873
Delineated No:		Delineated Area:	No
Well Street Address:	11841 Ne 198th Ave		
Location Address1:	11841 Ne 198th Ave		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NW	0.31	1,622.63	148.25	WELLS

Permit:	3-125-245174-1	Owner Name:	Varnes Edward C & Theresa T
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	150570	Contractor License:	2651
Compliance No:	148565	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	dillan clyatt
Total Depth:	160	County:	Union
Casing Depth:	96	Section:	22
Static Wtr Level Ft:	38	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	2/10/2023	Latitude:	300256.7382
Issued:	2/6/2023	Longitude:	821714.289
Delineated No:		Delineated Area:	No
Well Street Address:	Ne Sr 121		
Location Address1:	Ne Sr 121		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ENE	0.34	1,806.76	148.44	WELLS

Permit:	3-125-175857-1	Owner Name:	CLETICE RAY & ROBIN JOHNSON
Legacy No:	100705	Contractor Name:	K Clyatt
Station ID:	110872	Contractor License:	1777
Compliance No:	110408	Type of Work:	New Construction

## Wells and Additional Sources Detail Report

Well Use:	Domestic	Driller Name:	CLYATT K M
Total Depth:	250	County:	Union
Casing Depth:	235	Section:	23
Static Wtr Level Ft:	97	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	4/27/2011	Latitude:	300246
Issued:	4/20/2011	Longitude:	821637
Delineated No:		Delineated Area:	No
Well Street Address:			
Location Address1:			
Location Address2:			
Location City:			
Location State:			
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	ESE	0.37	1,958.12	150.08	WELLS

Permit:	3-125-233163-1	Owner Name:	Keith Harrison
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	134772	Contractor License:	2651
Compliance No:	130635	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Dillan Clyatt
Total Depth:	240	County:	Union
Casing Depth:	187	Section:	23
Static Wtr Level Ft:	93	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	10/4/2018	Latitude:	300235.052
Issued:	9/13/2018	Longitude:	821635.2128
Delineated No:		Delineated Area:	No
Well Street Address:	Ne Sr 121		
Location Address1:	Ne Sr 121		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ENE	0.45	2,400.24	149.93	WELLS

Permit:	3-125-230864-1	Owner Name:	JERRY BRYANT
Legacy No:		Contractor Name:	Douglas Riles
Station ID:	132379	Contractor License:	2654
Compliance No:	127128	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	DOUGLAS RILES
Total Depth:	130	County:	Union

## Wells and Additional Sources Detail Report

Casing Depth:	100	Section:	23
Static Wtr Level Ft:	13	Township:	5S
Diameter:	2	Range:	20E
Completion Date:	9/15/2017	Latitude:	300251.0576
Issued:	9/5/2017	Longitude:	821631.4724
Delineated No:		Delineated Area:	No
Well Street Address:	NE 207TH COURT		
Location Address1:	NE 207TH COURT		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.48	2,508.01	152.29	WELLS

Permit:	3-125-237940-1	Owner Name:	Bryant Jerry Alvin Family
Legacy No:		Contractor Name:	Kamryn Underhill
Station ID:	140110	Contractor License:	2689
Compliance No:	138324	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Kamryn Underhill
Total Depth:	140	County:	Union
Casing Depth:	105	Section:	23
Static Wtr Level Ft:	25	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	9/1/2020	Latitude:	300245.5665
Issued:	8/31/2020	Longitude:	821628.9139
Delineated No:		Delineated Area:	No
Well Street Address:	20761 NE 118th St		
Location Address1:	20761 NE 118th St		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	30254		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SE	0.46	2,455.05	142.71	WELLS

Permit:	3-125-226786-1	Owner Name:	matthew Lee Harrison
Legacy No:		Contractor Name:	James Smith
Station ID:	124594	Contractor License:	2269
Compliance No:	121656	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	timothy anderson
Total Depth:	150	County:	Union
Casing Depth:		Section:	23
Static Wtr Level Ft:	45	Township:	5S

## Wells and Additional Sources Detail Report

Diameter:	4	Range:	20E
Completion Date:	1/28/2016	Latitude:	300219.0248
Issued:	1/26/2016	Longitude:	821638.8704
Delineated No:		Delineated Area:	No
Well Street Address:	20463 NE 113TH WAY		
Location Address1:	20463 NE 113TH WAY		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:	FL -		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.49	2,599.57	151.52	WELLS

Permit:	3-125-215385-1	Owner Name:	BRYANT JERRY A
Legacy No:		Contractor Name:	Bruce Park
Station ID:	118573	Contractor License:	2681
Compliance No:	117567	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	B.Park
Total Depth:	125	County:	Union
Casing Depth:	80	Section:	23
Static Wtr Level Ft:	28	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	8/21/2014	Latitude:	300248.5016
Issued:	8/20/2014	Longitude:	821628.344
Delineated No:		Delineated Area:	No
Well Street Address:	207TH Ct LAKE BUTLER; FL - 32054		
Location Address1:	207TH Ct LAKE BUTLER; FL - 32054		
Location Address2:			
Location City:			
Location State:			
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	WNW	0.50	2,640.60	145.85	WELLS

Permit:	3-125-2267-1	Owner Name:	LINDA GASKINS
Legacy No:	1274	Contractor Name:	FORSYTH VASCO
Station ID:	2609	Contractor License:	1768
Compliance No:	2253	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	FORSYTH VASCO
Total Depth:	100	County:	Union
Casing Depth:	100	Section:	22
Static Wtr Level Ft:	0	Township:	5S
Diameter:	2	Range:	20E
Completion Date:	9/3/1976	Latitude:	300252

## Wells and Additional Sources Detail Report

Issued:	8/25/1976	Longitude:	821733
Delineated No:		Delineated Area:	No
Well Street Address:			
Location Address1:			
Location Address2:			
Location City:			
Location State:			
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NW	0.50	2,661.98	148.16	WELLS

Permit:	3-125-243807-1	Owner Name:	Varnes Carl L & Brenita N
Legacy No:		Contractor Name:	Kamryn Underhill
Station ID:	149077	Contractor License:	2689
Compliance No:	146330	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Brett Blanton
Total Depth:	160	County:	Union
Casing Depth:	98	Section:	22
Static Wtr Level Ft:	32	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	8/25/2022	Latitude:	300300.2672
Issued:	8/18/2022	Longitude:	821727.646
Delineated No:		Delineated Area:	No
Well Street Address:	Ne Sr 121		
Location Address1:	Ne Sr 121		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	ENE	0.53	2,777.20	152.22	WELLS

Permit:	3-125-231905-1	Owner Name:	BRYANT JERRY A
Legacy No:		Contractor Name:	Bruce Park
Station ID:	133471	Contractor License:	2681
Compliance No:	128702	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	N.Green
Total Depth:	165	County:	Union
Casing Depth:	80	Section:	23
Static Wtr Level Ft:	46	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	3/5/2018	Latitude:	300247.2128
Issued:	3/4/2018	Longitude:	821626.0436
Delineated No:		Delineated Area:	No

## Wells and Additional Sources Detail Report

Well Street Address: ;  
 ; FL -  
 Location Address1: ;  
 ; FL -  
 Location Address2:  
 Location City:  
 Location State: FL  
 Location Zip: FL -

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
17	SSE	0.52	2,736.64	142.16	WELLS

Permit:	3-125-227778-1	Owner Name:	HEWETT VAN C & IVA LEE AND
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	126073	Contractor License:	2651
Compliance No:	122908	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Dillan Clyatt
Total Depth:	150	County:	Union
Casing Depth:	100	Section:	26
Static Wtr Level Ft:	49	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	6/16/2016	Latitude:	300214.5464
Issued:	6/15/2016	Longitude:	821640.3608
Delineated No:		Delineated Area:	No
Well Street Address:	20544 NE 113TH WAY		
Location Address1:	20544 NE 113TH WAY		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:	FL -		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
18	ENE	0.57	3,006.27	149.54	WELLS

Permit:	3-125-215096-1	Owner Name:	Wendy Sefcik
Legacy No:		Contractor Name:	Danielle Andrews
Station ID:	118407	Contractor License:	2688
Compliance No:	117197	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Bart Andrews
Total Depth:	230	County:	Union
Casing Depth:	125	Section:	23
Static Wtr Level Ft:	43	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	6/19/2014	Latitude:	300258.4916
Issued:	6/17/2014	Longitude:	821627.8292
Delineated No:		Delineated Area:	No
Well Street Address:	20782 NE 121ST WAY		

## Wells and Additional Sources Detail Report

Location Address1: 20782 NE 121ST WAY  
 Location Address2:  
 Location City: RAIFORD  
 Location State: FL  
 Location Zip: FL -

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
18	ENE	0.57	3,006.27	149.54	WELLS

Permit: 3-125-215096-1	Owner Name: Wendy Sefcik
Legacy No:	Contractor Name: Danielle Andrews
Station ID: 118198	Contractor License: 2688
Compliance No: 117197	Type of Work: New Construction
Well Use: Domestic	Driller Name: Bart Andrews
Total Depth: 230	County: Union
Casing Depth: 125	Section: 23
Static Wtr Level Ft: 43	Township: 5S
Diameter: 4	Range: 20E
Completion Date: 6/19/2014	Latitude: 300258.4916
Issued: 6/17/2014	Longitude: 821627.8292
Delineated No:	Delineated Area: No
Well Street Address: 20782 NE 121ST WAY	
Location Address1: 20782 NE 121ST WAY	
Location Address2:	
Location City: RAIFORD	
Location State: FL	
Location Zip: FL -	

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
19	ESE	0.61	3,212.07	151.71	WELLS

Permit: 3-125-243193-1	Owner Name: Harrison Joseph R
Legacy No:	Contractor Name: Kenneth Clyatt
Station ID: 148392	Contractor License: 2651
Compliance No: 145261	Type of Work: New Construction
Well Use: Domestic	Driller Name: dillan clyatt
Total Depth: 160	County: Union
Casing Depth: 108	Section: 23
Static Wtr Level Ft: 51	Township: 5S
Diameter: 4	Range: 20E
Completion Date: 6/8/2022	Latitude: 300234.1239
Issued: 6/7/2022	Longitude: 821620.9765
Delineated No:	Delineated Area: No
Well Street Address: 11819 Ne 208th Lane	
Location Address1: 11819 Ne 208th Lane	
Location Address2:	

## Wells and Additional Sources Detail Report

Location City: Lake Butler  
 Location State: FL  
 Location Zip: 32054

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	ENE	0.62	3,272.02	149.43	WELLS

Permit:	3-125-229123-1	Owner Name:	BRANDON SMITH
Legacy No:		Contractor Name:	Danielle Andrews
Station ID:	127708	Contractor License:	2688
Compliance No:	124817	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	BARTON ANDREWS JR.
Total Depth:	240	County:	Union
Casing Depth:	125	Section:	23
Static Wtr Level Ft:	60	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	1/3/2017	Latitude:	300250.8164
Issued:	12/30/2016	Longitude:	821621.09
Delineated No:		Delineated Area:	No
Well Street Address:	11959 NE 209TH AVE		
Location Address1:	11959 NE 209TH AVE		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:	32054		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
21	E	0.64	3,393.38	149.63	WELLS

Permit:	3-125-231533-1	Owner Name:	John Harrison
Legacy No:		Contractor Name:	Bruce Park
Station ID:	133070	Contractor License:	2681
Compliance No:	127949	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	N.Green
Total Depth:	185	County:	Union
Casing Depth:	120	Section:	23
Static Wtr Level Ft:	49	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	1/22/2018	Latitude:	300245.1824
Issued:	1/8/2018	Longitude:	821618.786
Delineated No:		Delineated Area:	No
Well Street Address:	SR 121		
Location Address1:	SR 121		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		

## Wells and Additional Sources Detail Report

Location Zip:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
<a href="#">22</a>	ENE	0.64	3,368.43	147.08	WELLS

Permit:	3-125-225533-1	Owner Name:	THOMAS DUNCAN
Legacy No:		Contractor Name:	Danielle Andrews
Station ID:	123245	Contractor License:	2688
Compliance No:	120149	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	BART ANDREWS
Total Depth:	135	County:	Union
Casing Depth:	130	Section:	23
Static Wtr Level Ft:	80	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	7/3/2015	Latitude:	300258.7292
Issued:	6/29/2015	Longitude:	821623.2752
Delineated No:		Delineated Area:	No
Well Street Address:	NE 209TH AVE		
Location Address1:	NE 209TH AVE		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
<a href="#">23</a>	ENE	0.75	3,971.97	147.86	WELLS

Permit:	3-125-230203-1	Owner Name:	GRIFFIS ROGER L
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	131700	Contractor License:	2651
Compliance No:	126332	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Dillan Clyatt
Total Depth:	200	County:	Union
Casing Depth:	151	Section:	23
Static Wtr Level Ft:	46	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	6/1/2017	Latitude:	300254.456
Issued:	5/30/2017	Longitude:	821613.9548
Delineated No:		Delineated Area:	No
Well Street Address:	20992 NE 119TH TRAIL		
Location Address1:	20992 NE 119TH TRAIL		
Location Address2:			
Location City:	LAKE BUTLER		
Location State:	FL		
Location Zip:	32054		

## Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ESE	0.81	4,277.24	148.70	WELLS

Permit:	3-125-21134-1	Owner Name:	CHARLES H HARRISON
Legacy No:	20178	Contractor Name:	K Clyatt
Station ID:	21476	Contractor License:	1777
Compliance No:	21118	Type of Work:	New Construction
Well Use:	Other	Driller Name:	CLYATT K M
Total Depth:	170	County:	Union
Casing Depth:	100	Section:	26
Static Wtr Level Ft:	56	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	3/27/1985	Latitude:	300218
Issued:	3/15/1985	Longitude:	821614
Delineated No:		Delineated Area:	No
Well Street Address:			
Location Address1:			
Location Address2:			
Location City:			
Location State:			
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SE	0.91	4,830.55	144.75	WELLS

Permit:	3-001-28855-1	Owner Name:	CARSON CATTLE CO
Legacy No:	28289	Contractor Name:	K Clyatt
Station ID:	29197	Contractor License:	1777
Compliance No:	28839	Type of Work:	New Construction
Well Use:	Livestock	Driller Name:	CLYATT K M
Total Depth:	110	County:	Alachua
Casing Depth:	82	Section:	26
Static Wtr Level Ft:	14	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	8/6/1987	Latitude:	300209
Issued:	8/6/1987	Longitude:	821613
Delineated No:		Delineated Area:	No
Well Street Address:			
Location Address1:			
Location Address2:			
Location City:			
Location State:			
Location Zip:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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## Wells and Additional Sources Detail Report

27                      ENE                      0.95                      4,996.94                      147.63                      WELLS

Permit:	3-125-248024-1	Owner Name:	Sweat Lewin A & Nancy D
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	153815	Contractor License:	2651
Compliance No:	152968	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	dillan clyatt
Total Depth:	60	County:	Union
Casing Depth:	40	Section:	23
Static Wtr Level Ft:	4	Township:	5S
Diameter:		Range:	20E
Completion Date:	2/14/2024	Latitude:	300255.2489
Issued:	2/12/2024	Longitude:	821602.1251
Delineated No:		Delineated Area:	No
Well Street Address:	Ne Sr 121		
Location Address1:	Ne Sr 121		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	E	0.98	5,156.50	147.98	WELLS

Permit:	3-125-238170-1	Owner Name:	Randall Godbold
Legacy No:		Contractor Name:	Kenneth Clyatt
Station ID:	140325	Contractor License:	2651
Compliance No:	138593	Type of Work:	New Construction
Well Use:	Domestic	Driller Name:	Dillan Clyatt
Total Depth:	260	County:	Union
Casing Depth:	180	Section:	23
Static Wtr Level Ft:	92	Township:	5S
Diameter:	4	Range:	20E
Completion Date:	10/9/2020	Latitude:	300233.5166
Issued:	9/28/2020	Longitude:	821558.8294
Delineated No:		Delineated Area:	No
Well Street Address:	11819 Ne 208th Lane		
Location Address1:	11819 Ne 208th Lane		
Location Address2:			
Location City:	Lake Butler		
Location State:	FL		
Location Zip:	32054		

### Water Wells - Suwanee River Water Management District

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SE	0.19	989.63	145.28	WATER WELLS

## Wells and Additional Sources Detail Report

Station ID:	117709	Issue Date:	3/24/2014
Project No:	3-125-202655-1	Well Contractor Nme:	Kenneth Clyatt
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300231.6968
Total Well Depth:	160	DMS Longitude:	821648.0756
Casing Diameter:	4	Section:	
Cased Depth:	110	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.26	1,368.56	144.77	WATER WELLS

Station ID:	107711	Issue Date:	2/6/2008
Project No:	3-125-172696-1	Well Contractor Nme:	William Bias
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300229
Total Well Depth:	147	DMS Longitude:	821645
Casing Diameter:	4	Section:	
Cased Depth:	120	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ENE	0.34	1,806.76	148.44	WATER WELLS

Station ID:	110872	Issue Date:	4/20/2011
Project No:	3-125-175857-1	Well Contractor Nme:	K Clyatt
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300246
Total Well Depth:	250	DMS Longitude:	821637
Casing Diameter:	4	Section:	
Cased Depth:	235	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ENE	0.45	2,400.24	149.93	WATER WELLS

Station ID:	132379	Issue Date:	9/5/2017
Project No:	3-125-230864-1	Well Contractor Nme:	Douglas Riles
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)

## Wells and Additional Sources Detail Report

Well App Type:	New Construction	DMS Latitude:	300251.0576
Total Well Depth:	130	DMS Longitude:	821631.4724
Casing Diameter:	2	Section:	
Cased Depth:	100	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SE	0.46	2,455.05	142.71	WATER WELLS

Station ID:	124594	Issue Date:	1/26/2016
Project No:	3-125-226786-1	Well Contractor Nme:	James Smith
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300219.0248
Total Well Depth:	150	DMS Longitude:	821638.8704
Casing Diameter:	4	Section:	
Cased Depth:	NULL	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.49	2,599.57	151.52	WATER WELLS

Station ID:	118573	Issue Date:	8/20/2014
Project No:	3-125-215385-1	Well Contractor Nme:	Bruce Park
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300248.5124
Total Well Depth:	125	DMS Longitude:	821628.344
Casing Diameter:	4	Section:	
Cased Depth:	80	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	WNW	0.50	2,640.60	145.85	WATER WELLS

Station ID:	2609	Issue Date:	8/25/1976
Project No:	3-125-2267-1	Well Contractor Nme:	FORSYTH VASCO
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(22,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300252
Total Well Depth:	100	DMS Longitude:	821733
Casing Diameter:	2	Section:	
Cased Depth:	100	Township:	
Rule Group:	WW Construction	Range:	

## Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	ENE	0.53	2,777.20	152.22	WATER WELLS

Station ID:	133471	Issue Date:	3/4/2018
Project No:	3-125-231905-1	Well Contractor Nme:	Bruce Park
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300247.2128
Total Well Depth:	165	DMS Longitude:	821626.0436
Casing Diameter:	4	Section:	
Cased Depth:	80	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSE	0.52	2,736.64	142.16	WATER WELLS

Station ID:	126073	Issue Date:	6/15/2016
Project No:	3-125-227778-1	Well Contractor Nme:	Kenneth Clyatt
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(26,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300214.5464
Total Well Depth:	150	DMS Longitude:	821640.3608
Casing Diameter:	4	Section:	
Cased Depth:	100	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	ENE	0.57	3,006.27	149.54	WATER WELLS

Station ID:	118198	Issue Date:	6/17/2014
Project No:	3-125-215096-1	Well Contractor Nme:	Danielle Andrews
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300258.5024
Total Well Depth:	230	DMS Longitude:	821627.8292
Casing Diameter:	4	Section:	
Cased Depth:	125	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ENE	0.62	3,272.02	149.43	WATER WELLS

Station ID:	127708	Issue Date:	12/30/2016
Project No:	3-125-229123-1	Well Contractor Nme:	Danielle Andrews

## Wells and Additional Sources Detail Report

Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300250.8164
Total Well Depth:	240	DMS Longitude:	821621.09
Casing Diameter:	4	Section:	
Cased Depth:	125	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
<a href="#">21</a>	E	0.64	3,393.38	149.63	WATER WELLS

Station ID:	133070	Issue Date:	1/8/2018
Project No:	3-125-231533-1	Well Contractor Nme:	Bruce Park
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300245.1824
Total Well Depth:	185	DMS Longitude:	821618.786
Casing Diameter:	4	Section:	
Cased Depth:	120	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
<a href="#">22</a>	ENE	0.64	3,368.43	147.08	WATER WELLS

Station ID:	123245	Issue Date:	6/29/2015
Project No:	3-125-225533-1	Well Contractor Nme:	Danielle Andrews
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300258.7292
Total Well Depth:	135	DMS Longitude:	821623.2752
Casing Diameter:	4	Section:	
Cased Depth:	130	Township:	
Rule Group:	WW Construction	Range:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
<a href="#">23</a>	ENE	0.75	3,971.97	147.86	WATER WELLS

Station ID:	131700	Issue Date:	5/30/2017
Project No:	3-125-230203-1	Well Contractor Nme:	Kenneth Clyatt
Permit Status:	Issued	Primary County:	Union
Well Use:	Domestic	Sec Town Rnge IDs:	(23,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300254.456
Total Well Depth:	200	DMS Longitude:	821613.9548
Casing Diameter:	4	Section:	
Cased Depth:	151	Township:	

## Wells and Additional Sources Detail Report

Rule Group: WW Construction Range:

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
25	ESE	0.81	4,277.24	148.70	WATER WELLS

Station ID:	21476	Issue Date:	3/15/1985
Project No:	3-125-21134-1	Well Contractor Nme:	K Clyatt
Permit Status:	Issued	Primary County:	Union
Well Use:	Other	Sec Town Rnge IDs:	(26,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300218
Total Well Depth:	170	DMS Longitude:	821614
Casing Diameter:	4	Section:	
Cased Depth:	100	Township:	
Rule Group:	WW Construction	Range:	

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
26	SE	0.91	4,830.55	144.75	WATER WELLS

Station ID:	29197	Issue Date:	8/6/1987
Project No:	3-001-28855-1	Well Contractor Nme:	K Clyatt
Permit Status:	Issued	Primary County:	Alachua
Well Use:	Livestock	Sec Town Rnge IDs:	(26,5S,20E)
Well App Type:	New Construction	DMS Latitude:	300209
Total Well Depth:	110	DMS Longitude:	821613
Casing Diameter:	4	Section:	
Cased Depth:	82	Township:	
Rule Group:	WW Construction	Range:	

## Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *UNION* County: **2**

*Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L*

*Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L*

*Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L*

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### Federal Area Radon Information for *UNION* County

No Measures/Homes:	18
Arithmetic Mean:	0.7
Standard Deviation:	0.5
Maximum:	1.6
% >4 pCi/L:	-
% >8 pCi/L:	-
% >12 pCi/L:	-
Notes on Data Table:	TABLE 2. Indoor radon results from the Florida population-based radon survey, by county.

## **Federal Sources**

### **FEMA National Flood Hazard Layer**

**FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

### **Indoor Radon Data**

**INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

### **Public Water Systems Violations and Enforcement Data**

**PWSV**

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Radon Zone Level**

**RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

### **Safe Drinking Water Information System (SDWIS)**

**SDWIS**

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Soil Survey Geographic database**

**SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

### **U.S. Fish & Wildlife Service Wetland Data**

**US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

### **USGS Current Topo**

**US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

### **USGS Geology**

**US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

### **USGS National Water Information System**

**FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

## Appendix

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

### **State Sources**

#### **Florida Subsidence Incident Reports**

**SINKHOLES**

A list of Florida Subsidence Incidents made available by the Florida Department of Environmental Protection (DEP) and maintained by the Florida Geological Survey. Sinkholes are closed depressions in areas underlain by soluble rock such as limestone, dolostone, and in some states gypsum and salt. Other subterranean events can cause holes, depressions, or subsidence of the land surface that may mimic sinkhole activity. Commonly, a reported depression is not verified by a licensed professional geologist to be a true sinkhole, and the cause of subsidence is not known. Such an event is called a subsidence incident.

#### **Oil and Gas Wells**

**OGW**

The Oil and Gas Program is the permitting authority within the Florida Department of Environmental Protection's Mining and Minerals Regulation Program. Companies interested in exploration or production of hydrocarbons in Florida are regulated by the Oil and Gas Program. This data is made available by Florida Department of Environmental Protection's Oil and Gas program.

#### **Public Water Supply Wells**

**PWSW**

The Public Water Supply Wells (PWSW) data consist of public water supply facilities and their wells in Florida, excluding Federally owned facilities. This data is made available by Florida Department of Environmental Protection, Water Compliance Assurance Program.

#### **Underground Injection Control Wells**

**UIC**

Class I Underground Injection Control (UIC) wells that are currently or were previously active, as well as proposed sites, regulated by the Florida Department of Environmental Protection (FDEP). Class I UIC wells are used to inject nonhazardous waste, hazardous waste (new hazardous waste wells were banned in 1983), or municipal waste below the lowermost underground source of drinking water.

#### **Water Use Permits Sites - South Florida Water Management District**

**WELLS**

List of Water Use Permitting Facilities consisting of wells, pumps and culverts, made available by the South Florida Water Management District. The facilities represent a subset of all wells, pumps and culverts associated with Water Use Permits. A Water Use Permit is required for all water uses except single family and duplex use and fire fighting.

#### **Water Well Completions - Northwest Florida Water Management District**

**WATER WELLS**

A list of existing well permits provided by the Northwest Florida Water Management District, representing records for wells permitted for construction/repair/abandonment beginning in the year 1976; does not typically contain data on wells constructed prior to 1976. The data provided may therefore only represent a fraction of existing wells. The data are provided by water well contractors on completion reports and, in most cases, has not been verified by District staff.

#### **Water Well Completions - St. Johns River Water Management District**

**WATER WELLS**

A list of wells in the Water Well Completion Report database made available by the St. Johns River Water Management District (SJRWMD). The SJRWMD advises that data reported in the Water Well Completion Report are obtained from multiple sources, including SJRWMD, delegated counties, and other regulatory agencies; that they cannot assure that contributors have used consistent measurement techniques or adhered to approved quality control standards; and that, although the SJRWMD has made reasonable attempts to assure the quality of the data contained herein, in most cases, the information is reported as received.

#### **Water Well Completions - Suwanee River Water Management District**

**WELLS**

A list of wells in the Water Well Completion Report database made available by the Suwanee River Water Management District department (SRWMD). The SRWMD advises that data reported in the Water Well Completion Report are obtained from multiple sources, including SRWMD, delegated counties, and other regulatory agencies; that they cannot assure that contributors have used consistent measurement techniques or adhered to approved quality control standards; and that, although the SRWMD has made reasonable attempts to assure the quality of the data contained herein, in most cases, the information is reported as received.

#### **Water Well Construction Permits**

**WELL CONST PERM**

## Appendix

A list of water well construction permits issued by the St. Johns River Water Management District (SJRWMD).

### **Water Well Construction Permits - Southwest Florida Water Management District**

A list of permitted well construction sites within the Southwest Florida Water District (SWFWD) maintained by the Southwest Florida Water Management District (SWFWMD). A Well Construction Permit (WCP) is required prior to installation of a water well within the SWFWD. The WCP ensures that wells are constructed by qualified contractors and meet rigid safety and durability standards. This list includes historical well construction sites that may not have a recorded latitude and longitude for their location. Instead, address matching, quarter STR centroids, STR centroids, or county centroids, were used as the location. WCPs for wells under 4" were strictly enforced after 1990, meaning many domestic wells built before may be excluded from this dataset.

**WATER WELLS**

### **Water Wells - Suwanee River Water Management District**

A list of water wells made available by the Suwanee River Water Management District department (SRWMD). The SRWMD advises that data are obtained from multiple sources including SRWMD, delegated counties, and other regulatory agencies; that they cannot assure that contributors have used consistent measurement techniques or adhered to approved quality control standards; and that, although the SRWMD has made reasonable attempts to assure the quality of the data contained herein, in most cases, the information is reported as received.

**WATER WELLS**

### **Well Surveillance Program Water Wells**

A list of privately and publicly owned potable wells from the Florida Department of Health's (DOH) Well Surveillance Program.

**WATER WELLS**

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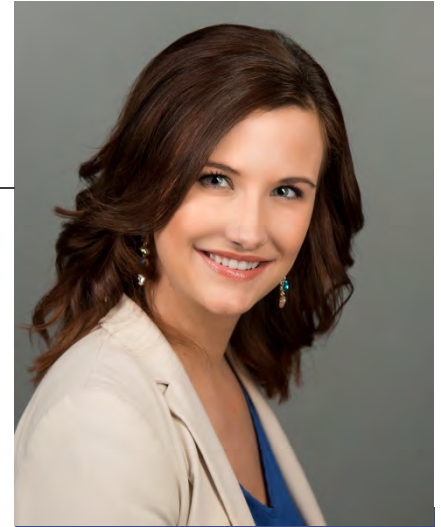
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**APPENDIX F – QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL**



# ANNIE MCILWAIN, P.E.

## District Manager



### PROFESSIONAL SUMMARY

Ms. McIlwain is employed in PPM's Jackson, Mississippi office and has assisted clients in addressing environmental and health and safety (EHS) compliance and due diligence issues throughout the Southeast. Her projects have included stormwater system evaluation, permitting (air, water, and waste), compliance (environmental and safety) audits, and compliance plans/programs (SWPPPs, SPCCs, ERPs, RMPs, PSMs, IMPs, O&M Manuals, etc.). She has been instrumental in the design and implementation of large stormwater systems for clientele in the petroleum sector and in compliance permitting, plans, and assurance for clientele in the petroleum, retail, and industrial sectors. Ms. McIlwain has successfully managed all environmental compliance-related issues, deadlines, and needs for numerous industrial clients, has achieved compliance for non-compliant clients, and has advocated on behalf of non-compliant clients. She has successfully negotiated with regulatory agencies on behalf of clients for extended compliance deadlines, more lenient permit requirements, alternative compliance testing approaches, and notice of violation resolutions.

### RELEVANT EXPERIENCE

**Air Permitting and Reporting.** Project Manager. Helped clients in Mississippi, South Carolina, Tennessee, and Texas obtain Title V air permits and/or construction permits and renewals in diverse industries (lumber, steel, chemical, etc.). Tasks included performing calculations, submitting applications, compiling reports, air dispersion modeling, and negotiations with regulatory agencies – including obtaining more lenient permit requirements and reducing stack testing points. Also compiled and submitted necessary annual and semi-annual Title V/Synthetic Minor Operating Permit-required reports of throughputs and calculated emissions.

**Boiler MACT.** Project Manager. Assisted industries in complying with Boiler MACT standards. Tasks included performance testing protocol development, performance test reporting through EPA's Electronic Reporting Tool (ERT), assessment of control technology options, fuel analysis summaries, and negotiations with regulatory agencies – including obtaining deadline extensions for compliance.

**Brownfield Site Investigations.** Project Manager. Conducted Brownfield site investigations that aided in revitalization efforts for various towns in Mississippi. Tasks included Phase I Environmental Site Assessments (ESA) and Phase II ESA field work, data collection, and preparation of reports. Developed Generic Quality Assurance Project Plans (QAPPs) for Mississippi communities and Site-Specific QAPP Addendums for a variety of sites.

**Compliance Auditing.** Project Manager. Performed audits to help industrial and petroleum clients better comply with EPA and OSHA regulations. Audit tasks included reviews of compliance plans (i.e. SPCCs, SWPPPs, etc.), compliance programs (i.e. PSMs, O&M manuals, RMPs, etc.), and additional EPA and OSHA concerns.

### AREA OF EXPERTISE

Environmental (Air & Water) Permitting  
EHS Audits  
EHS Compliance Assurance  
EHS Plans & Programs  
PSM Audits & Program Development  
Due Diligence  
Site Management  
Stormwater Management System Design

### HIGHLIGHTS

Wide variety of project management experience for a wide variety of clients in chemical, metal, retail, and petroleum (upstream and downstream) industries.

### EDUCATION

BS in Civil Engineering:  
University of Mississippi

MS in Civil/Environmental  
Engineering:  
University of Mississippi

### REGISTRATIONS

Registered Professional Engineer:  
Mississippi

### CERTIFICATIONS

OSHA 29 CFR 1910.120 – 40 hour  
course  
Asbestos Project Designer: Mississippi

### ORGANIZATIONS

A&WMA Member  
EWRI Member  
MMA Steering Committee Member

# ANNIE MCILWAIN, P.E. (continued)

## District Manager

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**Continued Compliance Assurance.** Project Manager. Acted as exclusive environmental consultant for a variety of clients ranging from retail to industrial. Duties included managing all deadlines, permits, sampling activities, plans, programs, and compliance-related requirements. Kept clients in compliance with state and federal regulations and helped non-compliant clients achieve compliance.

**Compliance Programs & Plans.** Project Manager. Developed Stormwater Pollution Prevention Plans (SWPPPs); Spill Prevention, Control, & Countermeasures (SPCC) Plans; Emergency Response Plans (ERPs); Risk Management Plans (RMPs), Process Safety Management (PSM) Programs; Pipeline Integrity Management Programs (IMPs); and Operations & Maintenance (O&M) Manuals for a variety of clients ranging from heavy machinery retail to petroleum/refineries/pipelines.

**Due Diligence.** Project Manager. Managed and conducted at least 80 Phase I ESAs in accordance with All Appropriate Inquiry (AAI) in a time-efficient manner for business acquisitions, refinancing, sales, redevelopment, and leasing. Assessments have included vacant land, shopping malls, former industrial facilities, commercial buildings, pipelines, refineries, and a 4,000-acre oil and gas field. Also provided key data (i.e. possible sources of contamination) to help clients determine appropriate property values during acquisition/sale. Tasks included managing and conducting subsurface site assessments and preparing reports based on the presence of recognized environmental conditions and soil/groundwater contamination at sites.

**Site Management.** Project Manager. Managed the operation and management activities of two industrial waste landfills. Activities included grounds upkeep; groundwater and surface water monitoring; groundwater sampling event reporting and statistical analysis; methane monitoring; leachate collection, hauling, and treatment; responsibility for payment of utilities; management and payment of subcontractors; payment of regulatory feeds associated with the site; and problem-solving to reduce operational costs for the client.

**Stormwater System Evaluation & Design.** Project Manager. Managed stormwater system evaluation and design project over a five-year period for a large refinery in Texas. Analyzed storm water flows and proposed engineering controls for diverting stormwater to appropriate outfalls and lift stations in the first phase of the project. Managed construction design group members, managed surveyors, and acted as primary contact for client's personnel in the second phase of the project.

**Waste Water Permitting.** Project Manager. Completed and filed application paperwork for Pretreatment Permits, National Discharge Elimination System (NPDES) Discharge Permits, Wet Deck Permits, and Baseline General Stormwater Permits.

# Simplifying the Complex

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