

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**UNION COUNTY
COUNTY AIRPORT PARCEL
SW STATE ROAD 121
LAKE BUTLER, FLORIDA
ACRES NO. 258035**

EPA COOPERATIVE AGREEMENT NO. BF-02D29322-0

PPM PROJECT NO. 20165101-TASK 13

DECEMBER 6, 2023



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AT

**COUNTY AIRPORT PARCEL
SW STATE ROAD 121
LAKE BUTLER, FLORIDA 32054
ACRES NO. 258035**

PREPARED FOR:



**UNION COUNTY, FLORIDA
15 NE 1ST STREET
LAKE BUTLER, FLORIDA 32054**

EPA COOPERATIVE AGREEMENT BF-02D29322-0

PPM PROJECT NO. 20165101.TASK 13

DECEMBER 6, 2023

PREPARED BY:

REVIEWED BY:

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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 County Airport Parcel (the subject property) located at SW State Road 121 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 ASTM International Standard Practice E1527-21.

PPM conducted the site reconnaissance on October 11, 2023. The subject property consists of one ±60-acre parcel of land. The northwest portion of the subject property is developed with SW 92nd Place and two metal storage structures that are used by Union County (Property Appraiser, Tax Collector, Supervisor of Elections, and Board of County Commissioners, and Clerk of Courts). Concrete sidewalks are located on the northeast side of the structures. The north-central portion of the subject property is a recycling center operated by Union County and is developed with a carport, two office sheds, asphalt driveway, gravel/dirt parking/drive area, and a stormwater drainage detention area. There is an area for used oil recycling, two recycle compactors for construction materials, and several recycler dumpsters for the disposal of metal, construction materials, limbs, cardboard, newspaper, and cans. The north-central portion of the subject property is also developed with a communications tower compound. The inside of the compound consists of gravel and an equipment structure. The west portion of the subject property is developed with SW 154th Loop and is occupied by the Union County Riding Club. This portion of the subject property is developed with a horse riding area, concessions structure, carport over picnic area, playground, carport over an office shed and viewing area, horse riding viewing structure, two restroom structures, and a barn. The remainder of the subject property consists of grassy areas, trees, and areas of heavy vegetation.

Historical aerial photographs indicate the west and southwest portions of the subject property were pasture and wooded land from at least 1949 to at least 1966. The west portion of the subject property has been used for horse riding since at least 1971. The northwest and center portions of the subject property consisted of pasture and wooded land from at least 1949 to at least 1983 and from at least 1949 to at least 1999, respectively. The northwest portion has been used as a recycling center for Union County since at least 1995 and has been developed with storage structures for Union County since at least 2005. Historical aerial photographs indicate the center portion of the subject property has been developed with a communications tower compound since at least 2005. Historical aerial photographs indicate the southwest

and east-central portions of the subject property were used as borrow pits from at least 1971 to at least the late 1990s and from at least 2005 to at least 2007. The remaining portions of the subject property have been wooded land since at least 1949.

Properties surrounding the subject property consist of pasture, wooded land, residences, and commercial use. The site is bordered to the east by a sod farm for the City of Lake Butler with two structures, wooded land, and a pond; to the southeast by pasture and wooded land; to the south by wooded land; to the west by residences; and to the northwest by SW State Road 121, followed by Chad Ward Enterprises (trucking company that hauls logs, poles, beams, lumber, and wood chips), pasture, and wooded land. Historical records indicate the adjoining property to the east consisted of pasture and/or wooded land from at least 1949 to 2002 and was occupied by Hendrick's Turf from 2002 to 2010. The adjoining property to the east has been used as a sod farm for the City of Lake Butler since 2011. The adjoining properties to the southeast have consisted of pasture and/or wooded land since at least 1949. Historical records indicate the adjoining property to the west has consisted of pasture and/or wooded land and has been developed with residences since at least 1949. The adjoining property to the northwest has consisted of pasture and/or wooded land since at least 1949. The adjoining property to the northwest was occupied by Woodland Hydraulics & Equipment from 1989 to 1993 and Dean Ward Enterprises (trucking company) from 1993 to 2009. Chad Ward Enterprises has occupied the adjoining property to the northwest since 2009.

This assessment has revealed the following evidence of RECs, recognized environmental condition (CREC), and/or significant data gap (SDG) in connection with the subject property.

- **Used oil ASTs on the subject property.** Two used oil above ground storage tanks (AST) with estimated capacities of 375 and 450 gallons were observed at the recycling area on the north-central portion of the subject property. The tanks are located within a 16-inch high concrete block containment. Motor oil staining was observed around the fill ports on top of the ASTs, on the inside and outside of the concrete containment wall, on the concrete floor inside the containment, and on bare ground outside of the containment. The media of concern is soil, groundwater, and soil vapor. This condition is a REC.
- **Trucking company on adjoining property.** A trucking company (currently Chad Ward Enterprises and previously Dean Ward Enterprises) have been located on the adjoining property to the northwest of the subject property since 1994. The

chemicals of concern are hazardous materials and petroleum products, such as antifreeze, oil, cleaners, gasoline, diesel, solvents, degreasers, etc. The media of concern is soil, groundwater, and soil vapor. This condition is a REC.

- **Former hydraulics and equipment company on adjoining property.** Historical records indicate that a hydraulics and equipment company (Woodland Hydraulics & Equipment) was located on the adjoining property to the northwest of the subject property from 1988 to 1993. The chemicals of concern are hazardous materials and petroleum products, such as antifreeze, oil, cleaners, gasoline, diesel, solvents, degreasers, etc. The media of concern is soil, groundwater, and soil vapor. This condition is a REC

1.0 INTRODUCTION

1.1 PROPERTY IDENTIFICATION

Property Name:	County Airport Parcel			
Current Property Owner:	Union County			
Current Site Use:	Wooded land, storage, recycling center, and horse riding facility			
Land Area in Acres:	±60 acres			
Street Address:	SW State Road 121			
County/Parish:	Union			
City, State, Zip Code:	Lake Butler, Florida 32054			
UTM Coordinates:	30° 00' 26''N	Latitude	82° 21' 43''W	Longitude
Tax Parcel ID(s):	36-05-19-00-000-0170-0			
Date of Site Visit:	October 11, 2023			
Attachments:	Site location is shown in Figure 1, Site Location Map, Appendix A . Photographs of the subject property and adjoining properties are provided in Appendix C .			
	Subject property and adjoining properties are shown in Figure 2, Site / Area Map, Appendix A .			
	Legal description (if obtained) is provided in Appendix F, Other Documentation .			

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 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 recognized environmental conditions.” 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:

AAI Component	Date
Interviews	October 3, 2023
Environmental Risk Information Services (ERIS) Radius Report	October 10, 2023
Regulatory Agency File Review	October 25, 2023
Site Reconnaissance	October 11, 2023
Declaration of Environmental Professional	December 6, 2023

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 all appropriate inquiry.

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 of this report. Funding for this Phase I ESA is provided by the United States Environmental Protection Agency (USEPA) under a Brownfields Assessment Grant awarded to Union County, Florida in 2022. Information generated by this Phase I ESA will be reported to the USEPA 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 landowner liability protections (LLP) to Comprehensive Environmental Response, Compensation, Liability (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 provided to Mr. Williams as identified in **Section 2.1**. However, no response has been received as of the date of this report. 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 F, Other Documentation**.

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 stated the subject property consists of one parcel of land used by union county for a recycling center and a horse riding club.
- The user identified Union County as the owner of the subject property.
- The user identified Mr. Williams as the site contact for the subject property. Mr. Williams can be contacted at (386) 496-0027 and countycoord@unioncounty-fl.gov.

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
<p>The subject property consists of one ±60-acre parcel of land (Parcel Number 36-05-19-00-000-0170-0). The northwest portion of the subject property is developed with SW 92nd Place and two metal storage structures that are used by Union County (Property Appraiser, Tax Collector, Supervisor of Elections, and Board of County Commissioners, and Clerk of Courts). Concrete sidewalks are located on the northeast side of the structures. The north-central portion of the subject property is a recycling center operated by Union County and is developed with a carport, two office sheds, asphalt driveway, gravel/dirt parking/drive area, and a stormwater drainage detention area. There is an area for used oil recycling, two recycle compactors for construction materials, and several recycler dumpsters for the disposal of metal, construction materials, limbs, cardboard, newspaper, and cans. The north-central portion of the subject property is also developed with a communications tower compound. The inside of the compound consists of gravel and an equipment structure. The west portion of the subject property is developed with SW 154th Loop and is occupied by the Union County Riding Club. This portion of the subject property is developed with a horse riding area, concessions structure, carport over picnic area, playground, carport over an office shed and viewing area, horse riding viewing structure, two restroom structures, and a barn. The remainder of the subject property consists of grassy areas, trees, and areas of heavy vegetation.</p>

Were any of the following conditions observed or suspected on the subject property?
Condition
<p>Structures & Improvements: The two storage structures on the northwest portion of the subject property encompasses an estimated 4,000 square feet each and were built in 2005. The storage structures are constructed of steel frames with metal panels on the exterior walls and a pitched roof covered with metal panels. The two storage sheds at the recycling area on the north-central portion of the subject property encompasses an estimated 100 and 64 square feet and have been present since 2010 and since at least 1995, respectively. The sheds are constructed of wood frames with metal panels on the exterior walls and a pitched wooden roof covered with metal panels. The equipment structure inside the communications tower compound in the center portion of the subject property encompasses an estimated 240 square feet and has been present since at least 2005. The equipment structure is constructed of wood frames with metal panels on the exterior walls and a flat roof. The west portion of the subject property is developed with a concessions structure, office shed, horse riding viewing structure, two restroom structures, and a barn. The concession structure encompasses an estimated 600 square feet has been present since at least 1981. The metal office shed structure and horse riding viewing structure encompass an estimated 144 and 300 square feet, respectively, and have been present since at least 1995. The two restroom structures encompass an estimated 144 and 100 square feet and have been present since at least 1971 and 1995, respectively. The concessions structure and the horse riding viewing structure are constructed of concrete block walls with pitched wooden roofs covered with metal panels. Both restroom structures are constructed of concrete block walls. One has a pitched wooden roof covered with asphalt shingles and the other has a sloped wooden roof covered with metal panels. The barn is constructed of a wood frame with a pitched wooden roof covered in metal panels.</p>
<p>On-Site Roads and Parking: An asphalt driveway and a gravel/dirt parking/drive area is located at the recycling area on the north-central portion of the subject property. Dirt/grass parking/drive areas are located at the horse riding area on the west portion and there are also dirt trails on the east and south portions.</p>
<p>Adjoining Roads: SW State Road 121 adjoins the subject property to the northwest.</p>
<p>Potable Water Supply/Source: See “Wells” below.</p>
<p>Sewage Disposal System: There are currently two septic system that are connected to two restrooms structures on the west portion of the subject property (Photographs 26 and 36). The septic system appears to be used for the disposal of domestic waste only.</p>
<p>Hazardous Substance Usage: None observed</p>
<p>Petroleum Product Usage: Two plastic trash cans for empty oil containers were observed at the recycling area on the north-central portion of the subject property (Photographs 9-12). The trash cans are situated on concrete and located on the outside of a 16-inch high concrete block containment. Petroleum product staining was observed on the concrete in the vicinity of the trash cans and on the bare ground next to the concrete. See “Storage Tanks” below.</p> <p>PPM observed the presence of a Generac propane-powered emergency generator on concrete pad within the communications tower compound in the center of the subject property (Photograph 17). PPM also observed the presence of a mobile diesel-powered generator on a trailer above gravel within the communications tower compound (Photograph 18). The diesel generator has been present for less than a couple months. No staining or evidence of release was observed in the vicinity of the generator.</p> <p>One 5-gallon plastic container of gear lube, two gallon-size plastic containers of motor oil, and two fuel containers with a capacity of less than 5 gallons were observed inside the barn on the west portion of the subject property (Photograph **). No stressed vegetation, staining, or evidence of release was observed in the vicinity of these containers.</p>
<p>Storage Tanks: Two used oil ASTs with an estimated capacity of 375 and 450 gallons were observed at the recycling area on the north-central portion of the subject property (Photographs 9 and 10). The tanks are located within a 16-inch high concrete block containment. Motor oil staining was observed around the fill ports on top of the ASTs, on the inside and outside of the concrete containment wall, on the concrete floor inside the containment, and on bare ground outside of the containment. This AST containment area appears to have been present since at least 2004. PPM observed a drain connected to a drain pipe coming out</p>

<p>of the containment that would keep the containment from filling up with rain water. Motor oil staining appears to have discharged onto the bare ground at the end of the drain pipe.</p> <p>A horizontal propane tank was observed outside of the communications tower compound in the center of the subject property (Photograph 19). A vertical propane tank was observed outside of the concessions structure on the west portion of the subject property (Photograph 23). Two vertical propane tanks were observed outside of the horse riding viewing structure on the west portion of the subject property (Photograph 30). Given that the tanks contained propane, they are not further discussed.</p>
<p>Strong Odors & Sources: None observed</p>
<p>Standing Surface Water, Pools, or Sumps Containing Liquids: None observed</p>
<p>Drums, Totes, & Intermediate Bulk Containers: Several 55-gallon plastic drums were observed at the horse riding area on the west portion of the subject property. These drums were either used for trash or as boundaries markers for horse riding activities.</p> <p>One 55-gallon plastic drum that was partially full of cooking grease was observed outside of the concessions structure on the west portion of the subject property (Photograph 23). One 55-gallon metal drum that appeared to be full of rainwater was observed in the area of the barn on the west portion (Photograph 34). No stressed vegetation, staining, or evidence of release was observed in the vicinity of these containers.</p>
<p>Hazardous Substance and Petroleum Product Containers not Connected with Identified Uses: None observed</p>
<p>Unidentified Substance Containers: None observed</p>
<p>PCB-containing Items: Pole-mounted electrical transformers were observed in the vicinity of the storage structures, recycling area, and horse riding area on the subject property. No evidence of spills or releases such as stained soil, stressed vegetation, and/or odors was observed in the vicinity of the transformers.</p> <p>A hydraulic trash compactor was observed at the recycling area on the subject property (Photograph 4). The trash compactor appeared to be in good condition and no staining or evidence of release was observed.</p>
<p>Heating/Cooling System: Standard heating, ventilating, and air conditioning (HVAC) systems were present on the side of the storage structures on the north-central portion of the subject property. Window units were observed at the office sheds on the north-central portion of the subject property and at the horse riding observation structure on the west portion. These systems provide heating and cooling to the structures.</p>
<p>Stains or Corrosion on Floors, Walls, or Ceilings: None observed</p>
<p>Drains, Sumps, & Oil/Water Separators: No sumps were observed on the subject property. Drains that are connected to the onsite septic systems (i.e., sinks, toilets) are located inside of the two restroom structures on the west portion of the subject property. No other evidence of drains was identified during the site visit.</p> <p>PPM observed a drain connected to a drain pipe coming out of the AST containment at the recycling area on the north-central portion of the subject property. The drain is designed to keep the containment from filling up with rain water. See “Storage Tanks” above.</p>
<p>Pits, Ponds, & Lagoons: A shallow pond was observed on the east-central portion of the subject property (Photograph 20). No adverse conditions involving hazardous substances or petroleum products were observed in the vicinity of the pond.</p>
<p>Stained Soil or Pavement: See “Storage Tanks” and “Petroleum Product Usage” above.</p>
<p>Stressed Vegetation: None observed</p>
<p>Solid Waste Disposal: PPM observed an area for car batteries and tires to be recycled on the north-central portion of the subject property (Photograph 7). PPM observed eight automotive batteries situated on a plastic pallet and five tires situated on a wooden pallet. Both pallets were on bare ground and no evidence of spills or releases such as stained soil, stressed vegetation, and/or odors was observed in the vicinity.</p>
<p>Waste Water: None observed</p>
<p>Wells: A water well was observed next to the horse riding viewing area on the west portion of the subject property (Photograph 30). PPM has received no evidence that the well has been impacted by the previous uses of the site, but the wells are a potential receptor for contamination on the property if it exists.</p>

3.4 ADJOINING PROPERTY OBSERVATIONS

ADJOINING LAND USES	
East	Currently consists of wooded land and a pond and is used as a sod farm for the City of Lake Butler with two structures. Previously consisted of pasture and wooded land and was previously occupied by Hendrick's Turf.
Southeast	Currently and previously pasture and/or wooded land.
South	Currently wooded land and previously pasture and/or wooded land.
West	Currently and previously residential.
Northwest	Currently consists of pasture and wooded land and is occupied by a trucking company that hauls logs, poles, beams, lumber, and wood chips. Previously consisted of pasture and/or wooded land and was occupied by a hydraulic equipment company.

Were any of the following conditions observed or suspected on an adjoining property?	
Condition	
Waste Water:	None observed
Pits, Ponds, & Lagoons:	A shallow pond was observed on the adjoining property to the east.
Storage Tanks:	Regulatory records indicate that the adjoining property to the northwest, across SW State Road 121, currently maintains one 5,000-gallon gasoline AST and one 10,000-gallon diesel AST that were installed in 1989. The ASTs are located at a distance of approximately 200 feet northwest of the subject property.
Drums, Totes, & Other Bulk Containers:	None observed
Abandoned Containers:	None observed
Unidentified Substance Containers:	None observed
PCB-containing Items:	Pole-mounted electrical transformers were observed on the adjoining properties to the west and northwest. No evidence of spills or releases such as stained soil, stressed vegetation, and/or odors was observed in the vicinity of the transformers.
Strong Odors & Sources:	None observed
Stressed Vegetation:	None observed
Stained Soil or Pavement:	None observed
Solid Waste Disposal:	None observed
Wells:	None observed

3.5 SURROUNDING AREA OBSERVATIONS

SURROUNDING AREA LAND USES
Historical and regulatory records indicate Hendricks Turf was previously located on the adjoining property to the east from 2002 to 2010 and formerly generated used oil, used oil filters, and used batteries. Historical and regulatory records also indicate the adjoining property to the west was occupied by Woodland Hydraulics & Equipment from 1989 to 1993, Dean Ward Enterprises from 1993 to 2009, and has been occupied Chad Ward Enterprises since 2009. No other 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 USGS 7.5 Minute Topographic Map dated 2021 for the Lake Butler Quadrangle in which the subject property is located. The map is used as the base map for **Figure 1, Site Location Map**, provided in **Appendix A**. According to this map, the elevation at the subject property ranges from approximately 120 to 125 feet above mean sea level (AMSL). The area topography is slopes to the northeast, east, and southeast and the groundwater flow direction in the area of the subject property is interpreted to be to the northeast, east, southeast, and south. Notable geographical features in the surrounding area include: a marsh area on the northeast portion of the subject property and on the adjoining property to the northeast and northwest. There is an unnamed pond located approximately 200 feet east of the subject property and there are also creeks located to the north, southeast and northwest. Based on the relative elevation between the subject property (120 to 125 feet AMSL) and the nearest perennial body of surface water (115 to 120 feet AMSL), the depth to groundwater beneath the subject property is estimated to be between 5 and 10 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 all appropriate inquiries; 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 90th 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 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 northeast, east, 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, NORTHWEST, and WEST	SOUTHWEST	NORTHEAST, EAST, SOUTHEAST, and SOUTH
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 <small>(Abbreviations used in subsequent tables are in parentheses)</small>		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		1	1
	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/Solid Waste Disposal (SWD)	0.5 Mile	N/A	0	0
	Leaking Underground Storage Tank (LUST)	0.5 Mile	N/A	1	1
	Registered Storage Tank (RUST/RAST)	Subject and Adjoining		1	1
	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 Appendix D, Regulatory Research Documentation.				

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 LUST 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**.

PRELIMINARY SCREENING OF STANDARD REGULATORY DATABASE LISTINGS							
Facility Name	AOC Parameters						Eliminate or Proceed?
	Site Type	COC	Gradient	Distance (feet)		Inside/Outside	
				Actual	Critical		
Lake Butler Farm Center	WCRPS / CLEANUP DEP / ERIC	Hazardous	Down	1,400	100	Outside	Eliminate
Shadd Trucking, Inc.	LUST / DWM CONTAM / SPILLS / WELL SURVEILLANCE	Petroleum	Down	2,130	100	Outside	Eliminate

All Standard Source listed sites were eliminated or automatically carried forward to **Section 4.2.3** by the preliminary screening process.

4.2.3 Additional Regulatory File Review

RECORD REVIEW FOR STANDARD SOURCE SITES	
Site Name:	Hendricks Turf, Inc. (currently City of Lake Butler sod farm)
Database Map ID Reference:	1
Site Address:	9422 SW State Road 121
Type(s) of Site:	RCRA Non-Generator (NonGen)
Database Distance & Direction:	0.01 miles / 74 feet NNE
Actual Distance & Direction:	Adjoining East
Database Information:	This facility was listed as a RCRA NonGen with an EPA Handler ID number of FLR000123851.
Regulatory Agency Records:	<p><u>RCRA NonGen</u></p> <p>Property records indicate this facility was located on the adjoining property to the east from 2002 to 2010. In 2005, this facility was listed as a RCRA NonGen, which is a facility does not presently generate hazardous waste. According to a Hazardous Waste Inspection Report dated November 17, 2005, Hendricks Turf, Inc. was an agricultural sod farm facility, generating used oil, used oil filters, and used batteries from farm equipment maintenance operations. The Inspection Report stated that the facility is a non-handler and had recently moved several empty 55-gallon used oil containers and one 300-gallon used oil AST to this site. The report indicated that at the time of the inspection, petroleum stained soil was observed around an area where used oil storage containers had been stored. The facility received a violation for failure to immediately contain and clean up the release of used oil. The report also indicated used oil was being collected in a 5-gallon unlabeled and open container. The facility another violation for failure to label storage container s for used oil. The Inspection Report stated that subsequent to the inspection the facility stopped all used oil releases and remediated all impacted soils and no further (NFA) is required.</p> <p>Documents detailing the above information are included in Appendix F.</p>

Site Name:	Dean Ward Enterprises (currently Chad Ward Enterprises)
Database Map ID Reference:	2
Site Address:	15353 SW 92 nd Street
Type(s) of Site:	AST
Database Distance & Direction:	0.06 miles / 325 feet WNW
Actual Distance & Direction:	Adjoining Northwest
Database Information:	This facility is listed as an AST site with a Facility ID Number of 8945538. The facility currently maintains one 5,000-gallon gasoline AST and one 10,000-gallon diesel AST that were installed in 1989.
Regulatory Agency Records:	The tanks are located approximately 200 feet to the northwest of the subject property and within a secondary containment. According to the most recent FDEP, DWM Storage Tank Facility Routine

	<p>Compliance Site Inspection Report dated February 22, 2021, the secondary containment appeared to be in good condition. There are no open violations for this facility and no discharge information has been found.</p> <p>Documents detailing the above information are included in Appendix F.</p>
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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
1949-1951	AERIAL	ERIS	2008	CD	ERIS
1965	AERIAL	ERIS	2010	AERIAL	ERIS
1966	TOPO	ERIS	2011	CD	ERIS
1971	AERIAL	ERIS	2013-2015	AERIAL	ERIS
1981-1983	AERIAL	ERIS	2015	TOPO	ERIS
1984	TOPO	ERIS	2016	CD	ERIS
1993	TOPO	ERIS	2017-2019	AERIAL	ERIS
1995	AERIAL	ERIS	2020	CD	ERIS
1998	CD	ERIS	2021	AERIAL	ERIS
1999	AERIAL	ERIS	2021	TOPO	ERIS
2000-2002	CD	ERIS	2015	TOPO	ERIS
2005-2007	AERIAL	ERIS	2022	CD	ERIS
2008	CD	ERIS	1960-2023	INTERVIEW	Owner
2010	AERIAL	ERIS			ERIS
What was the first year of subject property use?				Between 1966 ad 1971	
Was subject property history determined back to first use or 1940 whichever is earliest?				Yes	
Were all record intervals after first use 5 years or less?				No	
See Section 6.0, Findings and Opinions for further discussion of data failure.					
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 Appendix E, Historical Records Documentation .					

4.4.2 Subject Property Historical Summary

Years	Subject Property Conditions
1949-2023	Aerial photographs indicate the west and southwest portions of the subject property were pasture and wooded land from at least 1949 to at least 1966. The northwest and center portions consisted of pasture and wooded land from at least 1949 to at least 1983 and from at least 1949 to at least 1999, respectively. The west portion has been used for horse riding since at least 1971. The northwest portion has been used as a recycling center for Union County since at least 1995 and has been developed with storage structures for Union County since at least 2005. The center portion of the subject property has been developed with a communications tower compound since at least 2005. The southwest and east-central portions were used as borrow pits from at least 1971 to at least the late 1990s and from at least 2005 to at least 2007. The remaining portions of the subject property have been wooded land since at least 1949. The Chain of Title indicates the subject property has been owned by Union County since 1960.

4.4.3 Adjoining Property Historical Summary

Years	Adjoining Property Conditions
1949-1987	East – pasture and wooded land Southeast – wooded land South – pasture and wooded land West – residences and pasture Northwest – pasture and wooded land
1988-1993	East – pasture and wooded land Southeast – wooded land South – wooded land West – residences and pasture Northwest – Woodland Hydraulics & Equipment, pasture, and wooded land
1994-2002	East – pasture and wooded land Southeast – pasture and wooded land South – wooded land West – residences and pasture Northwest – Dean Ward Enterprises (trucking company), pasture, and wooded land
2002-2004	East – Hendrick’s Turf, pasture, and wooded land Southeast – pasture and wooded land South – wooded land West – residences and pasture Northwest – Dean Ward Enterprises (trucking company), pasture, and wooded land
2005-2009	East – Hendrick’s Turf, pasture, and wooded land Southeast – pasture and wooded land South – wooded land West – residences and pasture Northwest – Dean Ward Enterprises (trucking company), pasture, and wooded land
2009-2011	East – Hendricks Turf, pasture, and wooded land Southeast – pasture and wooded land South – wooded land West – residences and pasture Northwest – Chad Ward Enterprises (trucking company), pasture, and wooded land
2011-2023	East – City of Lake Butler sod farm, pasture, and wooded land Southeast – pasture and wooded land South – wooded land West – residences and pasture Northwest – Chad Ward Enterprises (trucking company), pasture, and wooded land

4.4.4 Surrounding Property Historical Summary

Historical and regulatory records indicate Hendricks Turf was previously located on the adjoining property to the east from 2002 to 2010 and formerly generated used oil, used oil filters, and used batteries. Historical and regulatory records also indicate The adjoining property to the west was occupied by Woodland Hydraulics & Equipment from 1989 to 1993, Dean Ward Enterprises from 1993 to 2009, and has been occupied Chad Ward Enterprises since 2009. Two ASTs have been located on the adjoining property to the west since 1989. No other 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	
The current owner of the subject property is Union County. The interview documentation with the representative for the County is located in the next table.	

INTERVIEW WITH PRIMARY USER/CLIENT	
Interviewer:	Mr. Kevin Grosjean
Date(s) Attempted:	October 3, 20, and 31, 2023
Name of Contact:	Mr. James Williams
Title / Affiliation:	County Coordinator / Union County
Contact Information:	(386) 496-0027 / countycoord@unioncounty-fl.gov
Mr. Williams provided project authorization and was sent a Phase I ESA User Questionnaire. As of the date of this report, no response has been received.	

INTERVIEW WITH OWNER REPRESENTATIVE	
Same as the Owner and Primary User/Client.	



INTERVIEW WITH PAST OWNER

PPM was not able to contact the past owner of the subject property because their contact information was not provided.

INTERVIEW WITH KEY SITE MANAGER

Same as the Owner and Primary User/Client.

INTERVIEW WITH OCCUPANT

Interviewer:	Mr. Robert Newbold
Date(s) Attempted:	November 21, 2023
Name of Contact:	Ms. Kim Hayes
Title / Affiliation:	Director / Union County Solid Waste Department
Contact Information:	(386) 496-2180 / solidwaste@unioncounty-fl.gov

As of the date of this report, no response has been received.

INTERVIEW WITH OCCUPANT

Interviewer:	Mr. Robert Newbold
Date(s) Attempted:	November 20, 2023
Name of Contact:	Ms. Shannon Croft
Title / Affiliation:	Treasurer / Union County Riding Club
Contact Information:	(386) 623-5976 / unioncountyriddingclub@gmail.com

As of the date of this report, no response has been received.

INTERVIEW WITH ADJOINING OWNER/OCCUPANT

Interviews with adjoining owners/occupants was not conducted because the subject property is not abandoned.

INTERVIEW WITH STATE/LOCAL AGENCY OFFICIAL

The FDEP was not contacted due to the amount of regulatory records available online

INTERVIEW WITH STATE/LOCAL AGENCY OFFICIAL

Interviewer:	Mr. Robert Newbold
Date(s) Attempted:	November 8, 2023
Name of Contact:	Mr. Tim Allen
Title / Affiliation:	Director / Union County Emergency Management
Contact Information:	(386) 496-4300 / allente@unionsheriff.us

Mr. Allen was contacted to determine if there 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 REC, 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 is identified, PPM commented how the missing information that caused the significant data gap 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 significant data gap, 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 5-year intervals.
- Data gap 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 this data gap encountered to represent a significant data gap (SDG).

6.2 SUBJECT PROPERTY

6.2.1 Historical Property Uses

Historical aerial photographs indicate the west and southwest portions of the subject property were pasture and wooded land from at least 1949 to at least 1966. The west portion of the subject property has been used for horse riding since at least 1971. The northwest and center portions of the subject property consisted of pasture and wooded land from at least 1949 to at least 1983 and from at least 1949 to at least 1999, respectively. The northwest portion has been used as a recycling center for Union County since at least 1995 and has been developed

with storage structures for Union County since at least 2005. Historical aerial photographs indicate the center portion of the subject property has been developed with a communications tower compound since at least 2005. Historical aerial photographs indicate the southwest and east-central portions of the subject property were used as borrow pits from at least 1971 to at least the late 1990s and from at least 2005 to at least 2007. The remaining portions of the subject property have been wooded land since at least 1949. The historical uses of the subject property do not appear to represent a REC.

6.2.2 Current Property Uses

The subject property consists of one ±60-acre parcel of land (Parcel Number 36-05-19-00-000-0170-0). The northwest portion of the subject property is developed with SW 92nd Place and two metal storage structures that are used by Union County (Property Appraiser, Tax Collector, Supervisor of Elections, and Board of County Commissioners, and Clerk of Courts). Concrete sidewalks are located on the northeast side of the structures. The north-central portion of the subject property is a recycling center operated by Union County and is developed with a carport, two office sheds, asphalt driveway, gravel/dirt parking/drive area, and a stormwater drainage detention area. There is an area for used oil recycling, two recycle compactors for construction materials, and several recycler dumpsters for the disposal of metal, construction materials, limbs, cardboard, newspaper, and cans. The north-central portion of the subject property is also developed with a communications tower compound. The inside of the compound consists of gravel and an equipment structure. The west portion of the subject property is developed with SW 154th Loop and is occupied by the Union County Riding Club. This portion of the subject property is developed with a horse riding area, concessions structure, carport over picnic area, playground, carport over an office shed and viewing area, horse riding viewing structure, two restroom structures, and a barn. The remainder of the subject property consists of grassy areas, trees, and areas of heavy vegetation. The following current activities were identified on the subject property that possibly make use of hazardous substances and/or petroleum products:

- **Used oil ASTs on the subject property.** Two used oil ASTs with estimated capacities of 375 and 450 gallons were observed at the recycling area on the north-central portion of the subject property. The tanks are located within a 16-inch high concrete block containment. Motor oil staining was observed around the fill ports on top of the ASTs, on the inside and outside of the concrete containment wall, on the concrete floor inside the containment, and on bare ground outside of the containment. This AST containment area appears to have been present since at least 2004. PPM observed a drain connected to a drain pipe coming out of the containment that would keep the containment from filling up with rain water. Motor oil staining appears to have

discharged onto the bare ground at the end of the drain pipe. The presence of the released petroleum product can impact the soil, groundwater, and soil vapor in the area of the ASTs and containment area. Due to the length of time the AST containment area has been present (at least 18 years) and the presence of petroleum product staining, the likelihood exists that petroleum products were improperly disposed of or released in this area of the subject property; therefore, the presence of petroleum product staining on the subject property represents a REC.

6.3 ADJOINING/SURROUNDING LAND USES

6.3.1 Historical Uses

The historical usage of the adjoining/surrounding land properties that obviously or possibly made use of hazardous substances or petroleum products are as follows:

6.3.2 Current Uses

The current usage of the adjoining/surrounding land properties that obviously or possibly made use of hazardous substances or petroleum products are as follows:

- **Turf company on adjoining property.** Hendricks Turf, Inc. was located on the adjoining property to the east of the subject property from 2002 to 2010. Hendricks Turf, Inc. was an agricultural sod farm facility, generating used oil, used oil filters, and used batteries from farm equipment maintenance operations. This facility is located in an interpreted downgradient topographic position relative to the subject property; therefore, leaks, spills, or releases of potential contaminants from this facility would not be expected to migrate to the subject property. This condition is not a REC.
- **ASTs on adjoining property.** Chad Ward Enterprises (formerly Dean Ward Enterprises) located on the adjoining property to the northwest, across SW State Road 121, currently maintains currently maintains one 5,000-gallon gasoline AST and one 10,000-gallon diesel AST that were installed in 1989. The tanks are located approximately 200 feet to the northwest of the subject property. According to the most recent FDEP, DWM Storage Tank Facility Routine Compliance Site Inspection Report dated February 22, 2021, the secondary containment appeared to be in good condition. There are no open violations for this facility and no discharge information has been found. Based on the actual separation distance, the likelihood of a release from the tanks migrating to the subject property is low. If a leak was to occur from one of the tanks, the release would most likely be stopped relatively quickly. Based

on the actual separation distance, lack of report violations or releases, and the release control measures associated with the ASTs, the presence of ASTs on the adjoining property to the northwest does not represent evidence of a REC.

- **Trucking company on adjoining property.** A trucking company (currently Chad Ward Enterprises and previously Dean Ward Enterprises) have been located on the adjoining property to the northwest of the subject property since 1994. This facility appears to perform truck maintenance onsite, with the majority of the repair activities taking place approximately 200 feet to the northwest of the subject property. Truck repair facilities typically utilize hazardous materials and petroleum products in their daily operations such as antifreeze, oil, cleaners, gasoline, solvents, degreasers, etc. This facility is located in an up-gradient topographic position relative to the subject property. Considering the length of time this property has been occupied by a trucking company (29 years) and the up-gradient topographic position, this condition is a REC.

- **Former hydraulics and equipment company on adjoining property.** Historical records indicate that a hydraulics and equipment company (Woodland Hydraulics & Equipment) was located on the adjoining property to the northwest of the subject property from 1988 to 1993. The majority of the activities appear to have taken place approximately 200 feet to the northwest of the subject property. Facilities that buy, sell, or repair equipment using hydraulics typically utilize hazardous materials and petroleum products in their daily operations such as antifreeze, oil, cleaners, gasoline, diesel, solvents, degreasers, etc. This facility is located in an up-gradient topographic position relative to the subject property. Considering the length of time this property was occupied by a hydraulic and equipment company (5 years) and the up-gradient topographic position, this condition is a REC.

6.4 CONCLUSIONS

PPM has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of the County Airport Parcel (the subject property) located at SW State Road 121 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 the following evidence of RECs, CRECs, and/or SDGs in connection with the subject property.

- **Used oil ASTs on the subject property.** Two used oil ASTs with estimated capacities of 375 and 450 gallons were observed at the recycling area on the north-central portion of the subject property. The tanks are located within a 16-inch high concrete block containment. Motor oil staining was observed around the fill ports on top of the ASTs, on the inside and outside of the concrete containment wall, on the concrete floor inside the containment, and on bare ground outside of the containment. The media of concern is soil, groundwater, and soil vapor. This condition is a REC.
- **Trucking company on adjoining property.** A trucking company (currently Chad Ward Enterprises and previously Dean Ward Enterprises) have been located on the adjoining property to the northwest of the subject property since 1994. The chemicals of concern are hazardous materials and petroleum products, such as antifreeze, oil, cleaners, gasoline, diesel, solvents, degreasers, etc. The media of concern is soil, groundwater, and soil vapor. This condition is a REC.
- **Former hydraulics and equipment company on adjoining property.** Historical records indicate that a hydraulics and equipment company (Woodland Hydraulics & Equipment) was located on the adjoining property to the northwest of the subject property from 1988 to 1993. The chemicals of concern are hazardous materials and petroleum products, such as antifreeze, oil, cleaners, gasoline, diesel, solvents, degreasers, etc. The media of concern is soil, groundwater, and soil vapor. This condition is a REC.

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 may be appropriate to detect the presence of hazardous substances beneath the subject property.

6.6 ENVIRONMENTAL PROFESSIONAL STATEMENT

I, Robert L. Newbold III, 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 all appropriate inquiries 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 G, 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.”

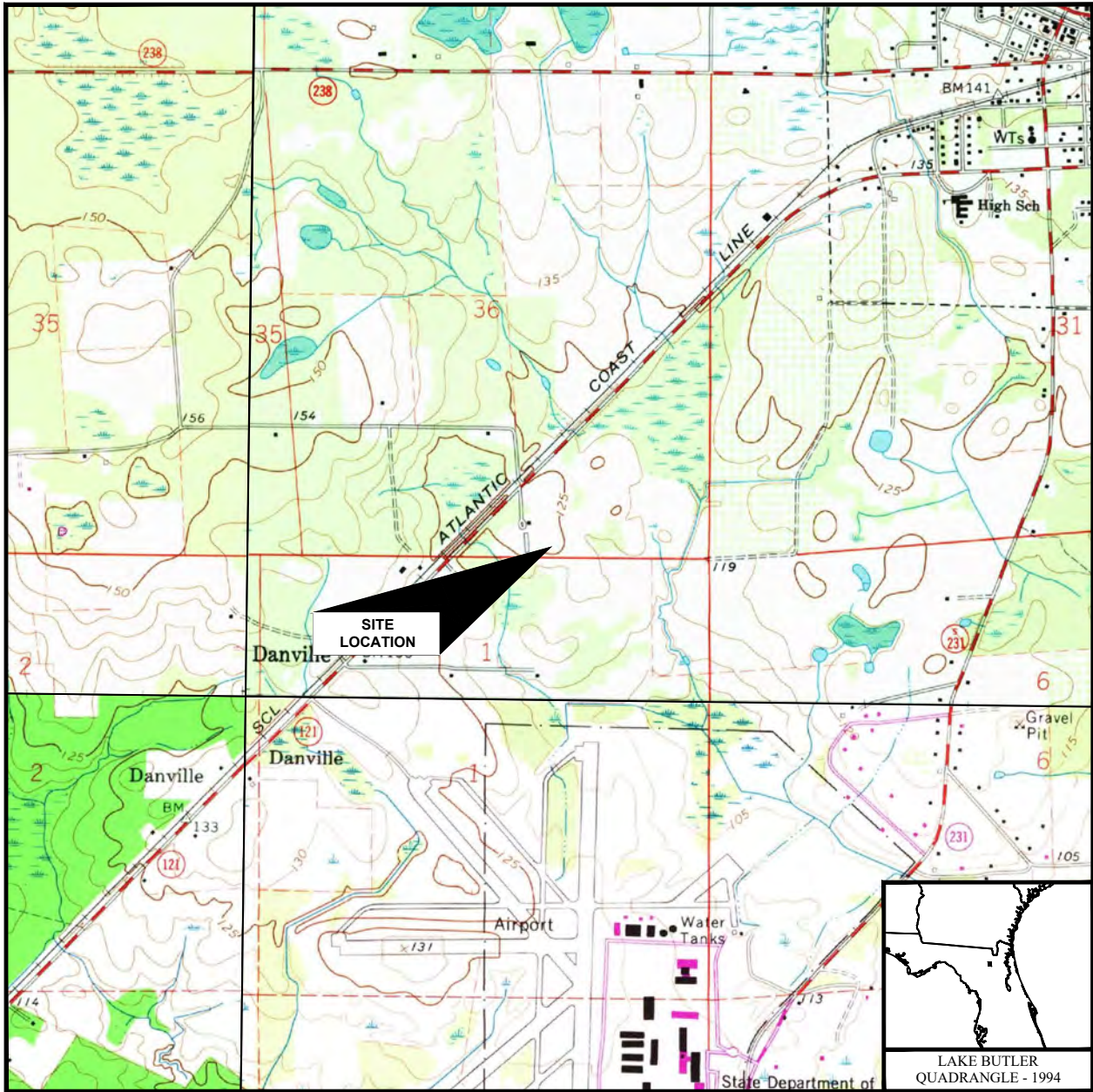
significant data gap: a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.

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

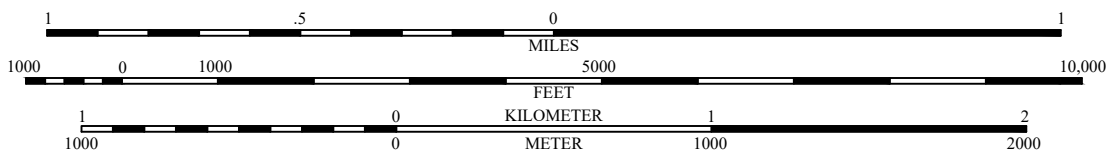
user: the party seeking to use Practice E1527 to complete an environmental site assessment of the subject property.


APPENDICES

APPENDIX A – FIGURES



SCALE: 1 : 24,000



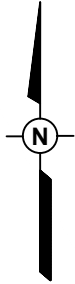
 PPM CONSULTANTS, INC. www.ppmco.com	
DRAWN BY: JCP	DRAWN DATE: 11/21/23
PROJECT NUMBER: 20165101	PHASE: TASK 13

UNION COUNTY, FLORIDA
COUNTY AIRPORT PARCEL
 SOUTHWEST STATE ROAD 121
 LAKE BUTLER, FLORIDA

SITE LOCATION MAP

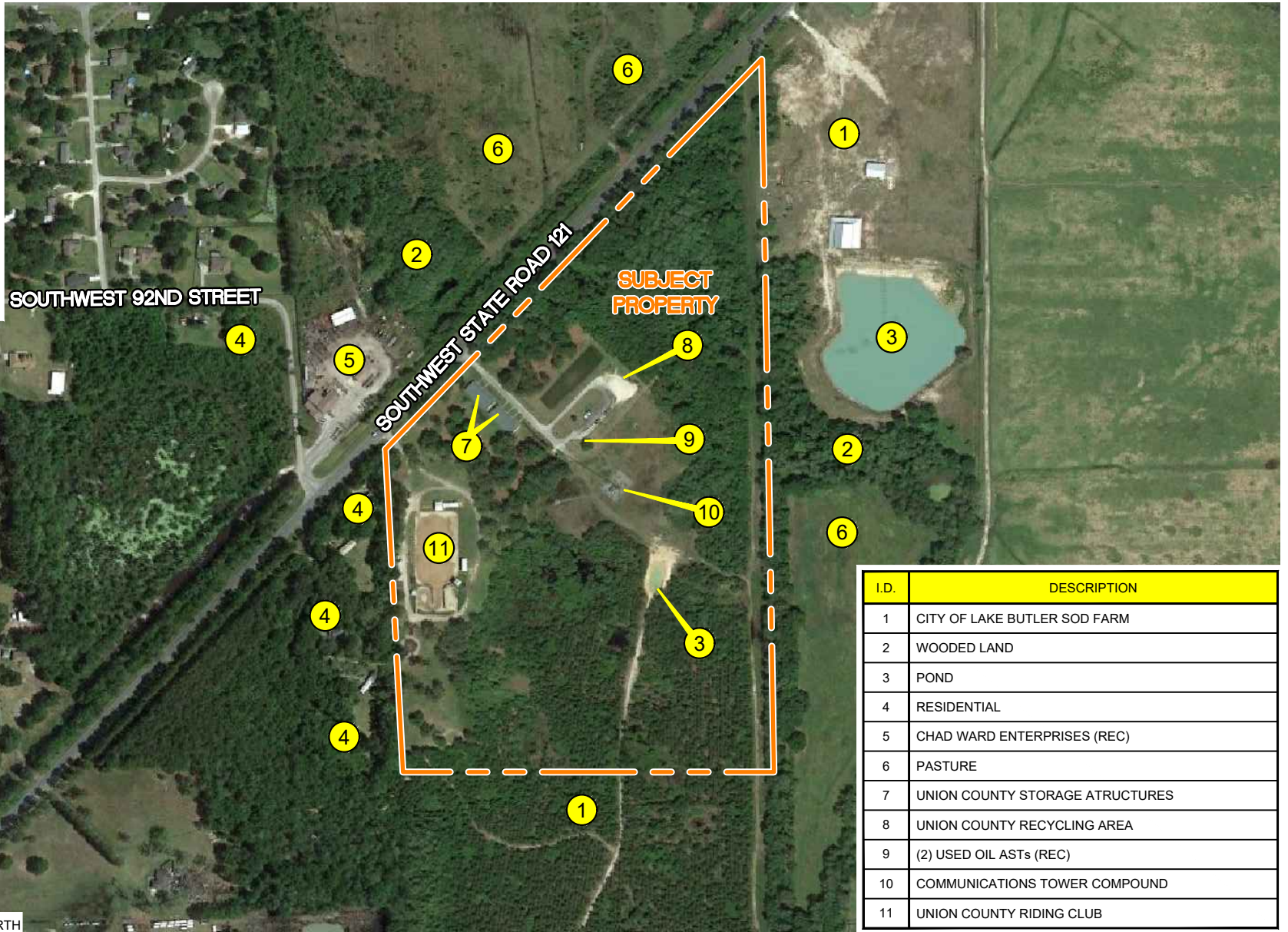
FIGURE NUMBER

1




0 250 500

SCALE: 1"=500'
(Approximate)



SOURCE: GOOGLE EARTH

I.D.	DESCRIPTION
1	CITY OF LAKE BUTLER SOD FARM
2	WOODED LAND
3	POND
4	RESIDENTIAL
5	CHAD WARD ENTERPRISES (REC)
6	PASTURE
7	UNION COUNTY STORAGE ATRUCTURES
8	UNION COUNTY RECYCLING AREA
9	(2) USED OIL ASTs (REC)
10	COMMUNICATIONS TOWER COMPOUND
11	UNION COUNTY RIDING CLUB

 PPM CONSULTANTS, INC. www.ppmco.com	
DRAWN BY: JCP	DRAWN DATE: 11/21/23
PROJECT NUMBER: 20165101	PHASE: TASK 13

UNION COUNTY, FLORIDA
COUNTY AIRPORT PARCEL
 SOUTHWEST STATE ROAD 121
 LAKE BUTLER, FLORIDA

SITE / AREA MAP

FIGURE
 NUMBER
2

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

APPENDIX C – SITE PHOTOGRAPHS



PHOTOGRAPH 1

View of the entrance to the north-central portion of the subject property, facing southeast.



PHOTOGRAPH 2

View of storage structures for Union County on the north-central portion of the subject property, facing west-northwest.



PHOTOGRAPH 3

View of two office sheds and carport at the recycling center on the north-central portion of the subject property, facing southeast.



PHOTOGRAPH 4

View of two dumpsters and a hydraulic trash compactor at the recycling center on the north-central portion of the subject property, facing east.



PHOTOGRAPH 5

View of dumpsters at the recycling center on the north-central portion of the subject property, facing northeast.



PHOTOGRAPH 6

View of two office sheds and carport at the recycling center on the north-central portion of the subject property, facing north-northeast.



PHOTOGRAPH 7

View of batteries and tires at the recycling center on the north-central portion of the subject property, facing northeast.



PHOTOGRAPH 8

View of a stormwater drainage detention basin at the recycling center on the north-central portion of the subject property, facing west-southwest.



PHOTOGRAPH 9

View of two used oil ASTs at the recycling center on the north-central portion of the subject property, facing southeast.



PHOTOGRAPH 10

View of two used oil ASTs at the recycling center on the north-central portion of the subject property, facing south.



PHOTOGRAPH 11

View of oil at the bottom of the containment for the used oil ASTs at the recycling center on the north-central portion of the subject property.



PHOTOGRAPH 12

View of staining at the drain at the bottom of the containment for the used oil ASTs at the recycling center on the north-central portion of the subject property.



PHOTOGRAPH 13

View of staining at the discharge point for the drain inside the containment for the used oil ASTs at the recycling center on the north-central portion of the subject property.



PHOTOGRAPH 14

View of staining outside of the containment for the used oil ASTs at the recycling center on the north-central portion of the subject property.



PHOTOGRAPH 15

View of a communications tower compound at the north-central portion of the subject property, facing southwest.



PHOTOGRAPH 16

View of a communications tower compound at the north-central portion of the subject property, facing southeast.



PHOTOGRAPH 17

View of a propane-powered generator within the communications tower compound on the north-central portion of the subject property, facing southeast.



PHOTOGRAPH 18

View of a diesel-powered generator within the communications tower compound on the north-central portion of the subject property, facing north.



PHOTOGRAPH 19

View of a propane tank outside of the communications tower compound on the north-central portion of the subject property, facing southeast.



PHOTOGRAPH 20

View of a pond on the east-central portion of the subject property, facing south.



PHOTOGRAPH 21

View of the Union County Riding Club on the west portion of the subject property, facing south-southeast.



PHOTOGRAPH 22

View of the Union County Riding Club on the west portion of the subject property, facing south-southeast.



PHOTOGRAPH 23

View of the concession stand at the Union County Riding Club on the west portion of the subject property, facing southeast.



PHOTOGRAPH 24

View of a picnic area at the Union County Riding Club on the west portion of the subject property, facing southeast.



PHOTOGRAPH 25

View of a restroom structure at the Union County Riding Club on the west portion of the subject property, facing northwest.



PHOTOGRAPH 26

View of a septic system area at the Union County Riding Club on the west portion of the subject property, facing south.



PHOTOGRAPH 27

View of the horse riding area at the Union County Riding Club on the west portion of the subject property, facing east.



PHOTOGRAPH 28

View of the horse riding area at the Union County Riding Club on the west portion of the subject property, facing north-northwest.



PHOTOGRAPH 29

View of the viewing structure for the horse riding area at the Union County Riding Club on the west portion of the subject property, facing southwest.



PHOTOGRAPH 30

View of a water well next to the viewing structure for the horse riding area at the Union County Riding Club on the west portion of the subject property.



PHOTOGRAPH 31

View of an office shed at the Union County Riding Club on the west portion of the subject property, facing southwest.



PHOTOGRAPH 32

View of a barn at the Union County Riding Club on the west portion of the subject property, facing southeast.



PHOTOGRAPH 33

View of the inside of a barn at the Union County Riding Club on the west portion of the subject property, facing north.



PHOTOGRAPH 34

View of tires and a drum containing rainwater next to a barn at the Union County Riding Club on the west portion of the subject property, facing southwest.



PHOTOGRAPH 35

View of a restroom structure at the Union County Riding Club on the west portion of the subject property, facing southeast.



PHOTOGRAPH 36

View of septic system area at the Union County Riding Club on the west portion of the subject property, facing south.

APPENDIX D – REGULATORY RESEARCH DOCUMENTATION



DATABASE REPORT

Project Property: *County Airport Parcel
9184 Southwest 92nd Place
Lake Butler FL 32054*

Project No: *20165101 - Task 13*

Report Type: *Database Report*

Order No: *23100900097*

Requested by: *PPM Consultants, Inc.*

Date Completed: *October 10, 2023*

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Executive Summary

Property Information:

Project Property: County Airport Parcel
9184 Southwest 92nd Place Lake Butler FL 32054

Project No: 20165101 - Task 13

Coordinates:

Latitude: 30.00750543
Longitude: -82.36133109
UTM Northing: 3,320,397.16
UTM Easting: 368,706.43
UTM Zone: UTM Zone 17R

Elevation: 120 FT

Order Information:

Order No: 23100900097
Date Requested: October 9, 2023
Requested by: PPM Consultants, Inc.
Report Type: Database Report

Historicals/Products:

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

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
Standard Environmental Records								
Federal								
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
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	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	1	0	-	-	1
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

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
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
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
ERIC	Y	1	0	0	1	0	0	1
CLEANUP DEP	Y	1	0	0	1	0	0	1
WCRPS	Y	1	0	0	1	0	0	1
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	1	-	1
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	1	0	-	-	1
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	1	1	1	-	3
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
Tribal								
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

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
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County

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

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	0	1	-	-	-	1
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
ERNS PFAS	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
SMCRA	Y	1	0	0	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
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	2	-	-	2
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0

State

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	1	-	1
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 4 6 3 0 13

* 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

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA NON GEN	HENDRICKS TURF INC	9422 SW SR 121 LAKE BUTLER FL 32054 <i>EPA Handler ID:</i> FLR000123851	NNE	0.01 / 73.89	0	19
1	FINDS/FRS	HENDRICKS TURF INC	9422 SW SR 121 LAKE BUTLER FL 32054 <i>Registry ID:</i> 110024250638	NNE	0.01 / 73.89	0	20
2	AST	DEAN WARD ENTERPRISES	15353 SW 92 ST LAKE BUTLER FL 32054 <i>Facility ID Facility Status:</i> 8945538 OPEN <i>Tank Status Status Date:</i> U - IN SERVICE 01-FEB-2012, U - IN SERVICE 01-FEB-2012	WNW	0.06 / 325.08	4	21
2	STCS	DEAN WARD ENTERPRISES	15353 SW 92 ST LAKE BUTLER FL 32054 <i>Facility ID Fac Stat(OpenData):</i> 8945538 OPEN	WNW	0.06 / 325.08	4	22
3	STCS	HILLANDALE FARMS	HWY 121 LAKE BUTLER FL 32054 <i>Facility ID Fac Stat(OpenData):</i> 8519170 CLOSED	NNE	0.21 / 1,093.35	7	24
4	SSTS	CASON ENTERPRISES OF NORTH FLORIDA, INC	9614 SW SR 121 - LAKE BUTLER FL 32054 <i>Establishment No:</i> 69837-FL-1	NE	0.24 / 1,285.54	6	26
4	WCRPS	LAKE BUTLER FARM CENTER	HWY 121 SOUTH LAKE BUTLER FL	NE	0.24 / 1,285.54	6	26
4	SSTS	Cason Enterprises of North Florida	9614 SW SR 121 - Lake Butler FL 32054 <i>Establishment No:</i> 36837-FL-1	NE	0.24 / 1,285.54	6	27
4	CLEANUP DEP	LAKE BUTLER FARM CENTER	HWY 121 SOUTH Lake Butler FL 32054-0	NE	0.24 / 1,285.54	6	27
4	ERIC	Lake Butler Farm Center	HWY 121 SOUTH Lake Butler FL 32054	NE	0.24 / 1,285.54	6	27
5	LST	SHADD TRUCKING INC	9678 SW HWY 121 S LAKE BUTLER FL 32054- 9323 <i>Facility ID Facility Status:</i> 8517168 OPEN <i>Cleanup Required:</i> R - CLEANUP REQUIRED	NE	0.38 / 2,008.96	10	28
5	STCS	SHADD TRUCKING INC	9678 SW HWY 121 S LAKE BUTLER FL 32054 <i>Facility ID Fac Stat(OpenData):</i> 8517168 OPEN	NE	0.38 / 2,008.96	10	30

<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>
5	DWM CONTAM	SHADD TRUCKING INC	9678 SW HWY 121 S LAKE BUTLER FL 32054 <i>Facility ID: 8517168</i>	NE	0.38 / 2,008.96	10	34

Executive Summary: Summary by Data Source

Standard

Federal

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jul 10, 2023 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HENDRICKS TURF INC	9422 SW SR 121 LAKE BUTLER FL 32054	NNE	0.01 / 73.89	1
	<i>EPA Handler ID: FLR000123851</i>			

State

ERIC - ERIC Waste Cleanup

A search of the ERIC database, dated Aug 10, 2023 has found that there are 1 ERIC site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Lake Butler Farm Center	HWY 121 SOUTH Lake Butler FL 32054	NE	0.24 / 1,285.54	4

CLEANUP DEP - Florida Department of Environmental Protection Cleanup Sites

A search of the CLEANUP DEP database, dated Aug 11, 2023 has found that there are 1 CLEANUP DEP site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
LAKE BUTLER FARM CENTER	HWY 121 SOUTH Lake Butler FL 32054-0	NE	0.24 / 1,285.54	4

WCRPS - Waste Cleanup Responsible Party Sites

A search of the WCRPS database, dated Apr 11, 2021 has found that there are 1 WCRPS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
LAKE BUTLER FARM CENTER	HWY 121 SOUTH LAKE BUTLER FL	NE	0.24 / 1,285.54	4

LST - Leaking Tanks

A search of the LST database, dated Jun 28, 2023 has found that there are 1 LST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SHADD TRUCKING INC	9678 SW HWY 121 S LAKE BUTLER FL 32054-9323	NE	0.38 / 2,008.96	5
<i>Facility ID Facility Status: 8517168 OPEN</i> <i>Cleanup Required: R - CLEANUP REQUIRED</i>				

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 11, 2023 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DEAN WARD ENTERPRISES	15353 SW 92 ST LAKE BUTLER FL 32054	WNW	0.06 / 325.08	2
<i>Facility ID Facility Status: 8945538 OPEN</i> <i>Tank Status Status Date: U - IN SERVICE 01-FEB-2012, U - IN SERVICE 01-FEB-2012</i>				

STCS - Storage Tank/Contaminated Facility Search

A search of the STCS database, dated Aug 31, 2023 has found that there are 3 STCS site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DEAN WARD ENTERPRISES	15353 SW 92 ST LAKE BUTLER FL 32054	WNW	0.06 / 325.08	2
<i>Facility ID Fac Stat(OpenData): 8945538 OPEN</i>				
HILLANDALE FARMS	HWY 121 LAKE BUTLER FL 32054	NNE	0.21 / 1,093.35	3
<i>Facility ID Fac Stat(OpenData): 8519170 CLOSED</i>				
SHADD TRUCKING INC	9678 SW HWY 121 S LAKE BUTLER FL 32054	NE	0.38 / 2,008.96	5
<i>Facility ID Fac Stat(OpenData): 8517168 OPEN</i>				

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Mar 2, 2023 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HENDRICKS TURF INC	9422 SW SR 121 LAKE BUTLER FL 32054	NNE	0.01 / 73.89	1
<i>Registry ID: 110024250638</i>				

SSTS - Registered Pesticide Establishments

A search of the SSTS database, dated Mar 1, 2023 has found that there are 2 SSTS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Cason Enterprises of North Florida	9614 SW SR 121 - Lake Butler FL 32054 <i>Establishment No: 36837-FL-1</i>	NE	0.24 / 1,285.54	4
CASON ENTERPRISES OF NORTH FLORIDA, INC	9614 SW SR 121 - LAKE BUTLER FL 32054 <i>Establishment No: 69837-FL-1</i>	NE	0.24 / 1,285.54	4

State

DWM CONTAM - Contaminated Sites

A search of the DWM CONTAM database, dated Jul 14, 2023 has found that there are 1 DWM CONTAM site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SHADD TRUCKING INC	9678 SW HWY 121 S LAKE BUTLER FL 32054 <i>Facility ID: 8517168</i>	NE	0.38 / 2,008.96	5

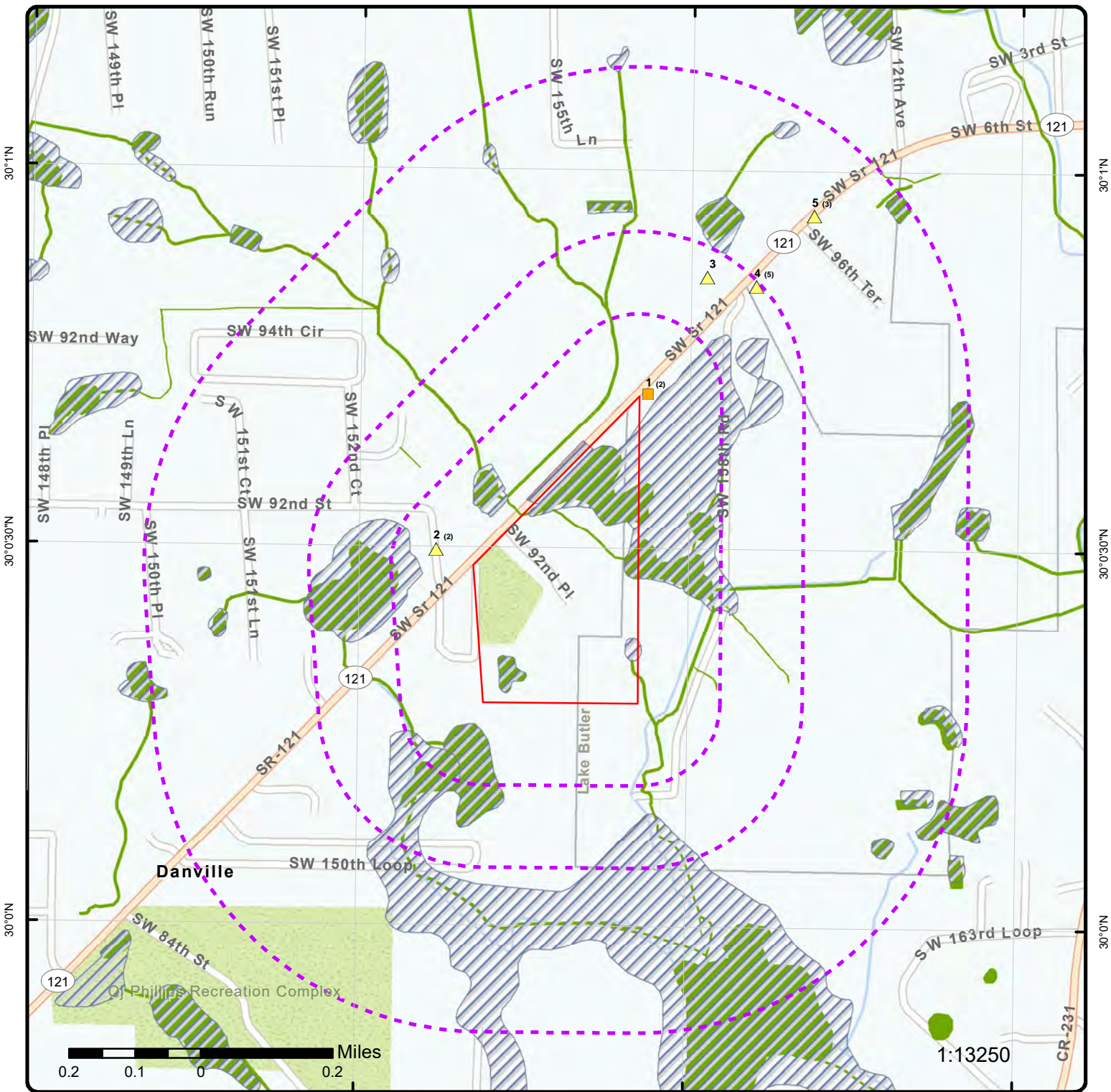


Map: 1.0 Mile Radius

Order Number: 23100900097
 Address: 9184 Southwest 92nd Place, 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
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

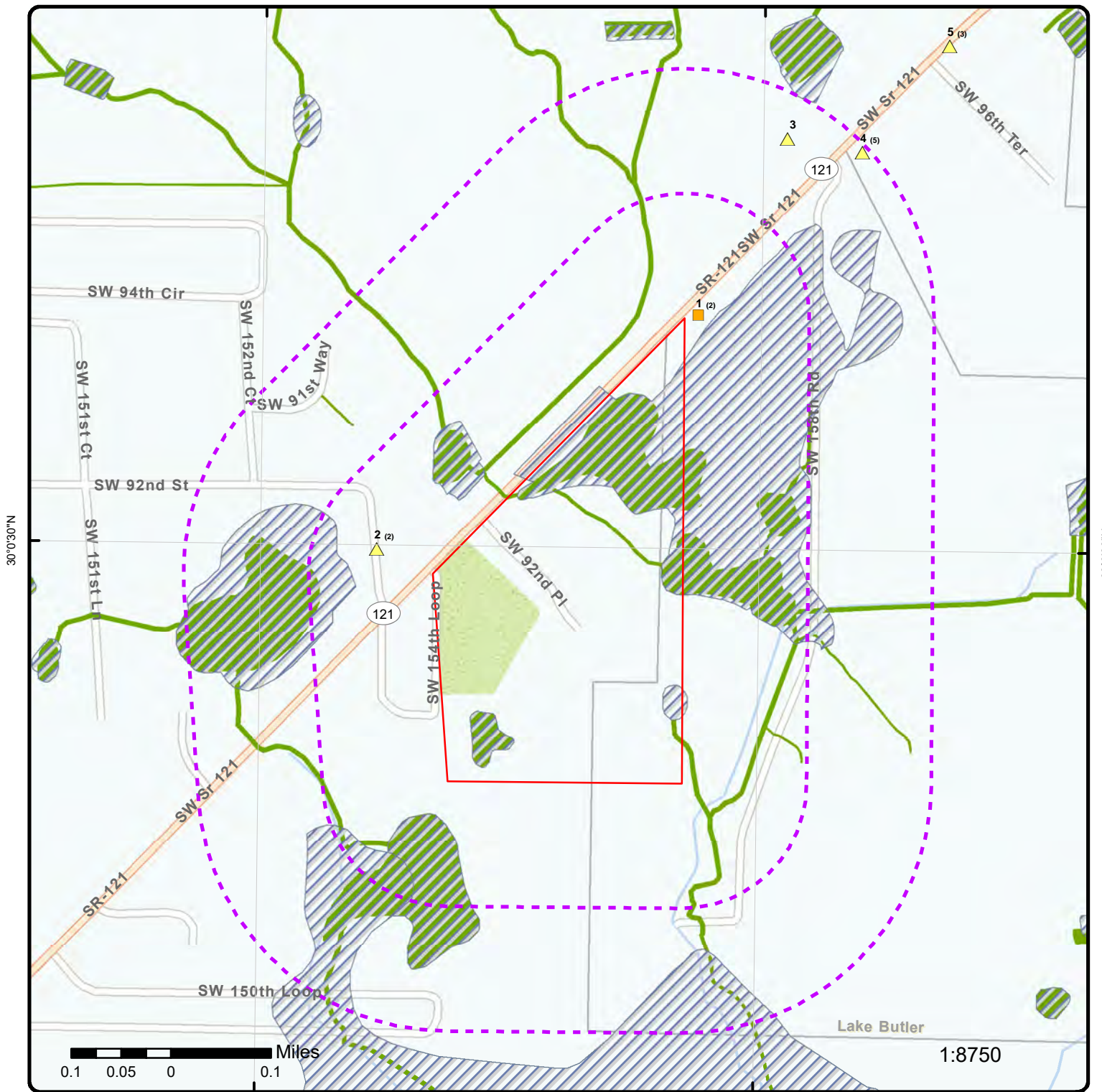


Map: 0.5 Mile Radius

Order Number: 23100900097
 Address: 9184 Southwest 92nd Place, 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
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 23100900097
Address: 9184 Southwest 92nd Place, 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
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Aerial Year: 2019

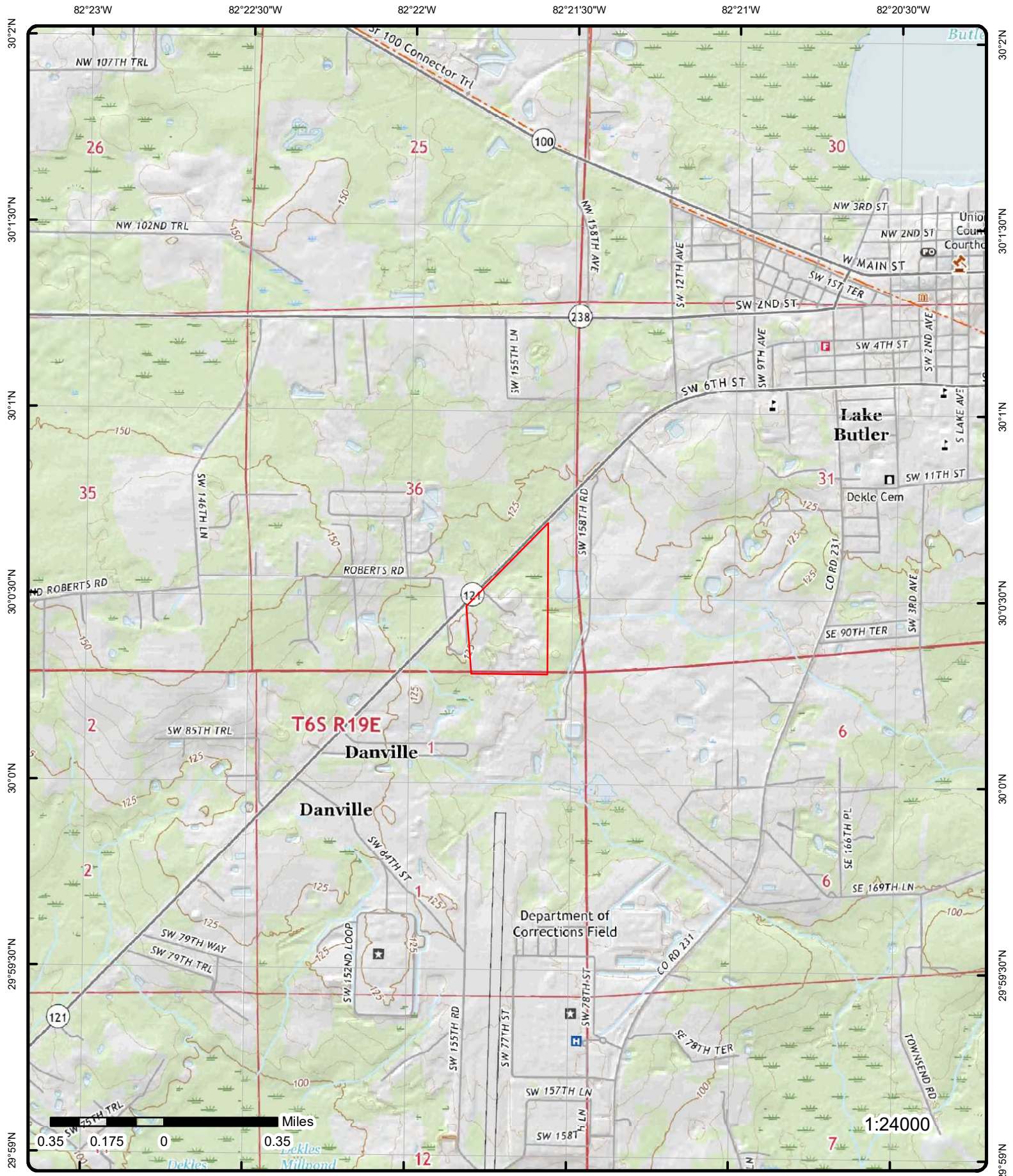
Address: 9184 Southwest 92nd Place, Lake Butler, FL

Source: ESRI World Imagery

Order Number: 23100900097



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Topographic Map Year: 2021

Address: 9184 Southwest 92nd Place, FL

Quadrangle(s): Brooker FL, Lulu FL, Worthington Springs FL, Lake Butler FL

Source: USGS Topographic Map

Order Number: 23100900097



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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	NNE	0.01 / 73.89	119.87 / 0	HENDRICKS TURF INC 9422 SW SR 121 LAKE BUTLER FL 32054	RCRA NON GEN

EPA Handler ID: FLR000123851
Gen Status Universe: No Report
Contact Name: DANNY CRAWFORD
Contact Address: 9422 , SW SR 121 , , LAKE BUTLER , FL, 32054 , US
Contact Phone No and Ext: 352-494-4058
Contact Email:
Contact Country: US
County Name: UNION
EPA Region: 04
Land Type: Private
Receive Date: 20051117
Location Latitude: 30.003022
Location Longitude: -82.358221

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jul, 2023.

Violation Details

Found Violation: Yes
Citation: UOS:279.22
Violation Short Description: Used Oil - Generators
Violation Type: 279.C
Violation Determined Date: 20051117
Scheduled Compliance Date:
Return to Compliance: Unverifiable
Actual Return to Compl: 20051201
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 105
Enforcement Type Description:
Enforcement Action Date: 20051117
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20051201
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Start Date: 20051117
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Used Oil - Generators
Return to Compliance Date: 20051201
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 200511
Receive Date: 20051117
Handler Name: HENDRICKS TURF INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 9422 SW SR 121
Name: STEVE HENDRICKS	Street 2:
Date Became Current: 20051122	City: LAKE BUTLER
Date Ended Current:	State: FL
Phone:	Country: US
Source Type: Implementer	Zip Code: 32054

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 9422 SW SR 121
Name: HENDRICKS STEVE	Street 2:
Date Became Current: 20051122	City: LAKE BUTLER
Date Ended Current:	State: FL
Phone:	Country: US
Source Type: Implementer	Zip Code: 32054

1	2 of 2	NNE	0.01 / 73.89	119.87 / 0	HENDRICKS TURF INC 9422 SW SR 121 LAKE BUTLER FL 32054	FINDS/FRS
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Registry ID: 110024250638
FIPS Code: 12125
HUC Code: 03110206

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Type Name:		STATIONARY				
Location Description:						
Supplemental Location:						
Create Date:		09-JAN-06				
Update Date:		08-AUG-10				
Interest Types:		STATE MASTER, UNSPECIFIED UNIVERSE				
SIC Codes:		0722				
SIC Code Descriptions:		CROP HARVESTING, PRIMARILY BY MACHINE				
NAICS Codes:		115113				
NAICS Code Descriptions:		CROP HARVESTING, PRIMARILY BY MACHINE.				
Conveyor:		RCRAINFO				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No:		04				
Census Block Code:		121259602005014				
EPA Region Code:		04				
County Name:		UNION				
US/Mexico Border Ind:						
Latitude:		30.003022				
Longitude:		-82.358221				
Reference Point:		CENTER OF A FACILITY OR STATION				
Coord Collection Method:		INTERPOLATION-PHOTO				
Accuracy Value:		6				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110024250638				
Data Source:		Facility Registry Service - Single File				
Program Acronyms:						
FDM:62341, RCRAINFO:FLR000123851						

<u>2</u>	1 of 2	WNW	0.06 / 325.08	123.07 / 4	DEAN WARD ENTERPRISES 15353 SW 92 ST LAKE BUTLER FL 32054	AST
Facility ID:	8945538	County:	UNION			
Facility Status:	OPEN	Lat/Long Method:	AGPS			
Facility Type:	C	Lat DD:	30			
Type Desc:	Fuel user/Non-retail	Lat MM:	0			
Facility Phone:	3864961695	Lat SS:	30			
Dep Co:	P	Long DD:	82			
Owner ID:	42513	Long MM:	21			
Owner Phone:	3864961695	Long SS:	51			
Owner:	DEAN WARD ENTERPRISES					
Owner Address1:	9921 SW 151ST PL					
Owner Address2:						
Owner City:	LAKE BUTLER					
Owner State:	FL					
Owner Zip 5:	32054					
Contact:	CHARITY OR CHAD WARD					
Data Source:	Tank Facility - All Locations and Tank Information; Tank Facility - All Locations and Owner Information					
Oculus Docs Inventory URL:	https://eriservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=8945538&CAT=11					
Information Portal Fac URL:	http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&facility.id=8945538					
Information Portal Doc URL:	http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8945538/facility!search					

<u>Tank Information</u>					
Tank ID:	2	Tank Desc:	Double Walled		
Tank Status:	U - IN SERVICE	Capacity:	5000		
Status Date:	01-FEB-2012	Placement:	ABOVEGROUND		
Installation Date:	01-NOV-1989	Tank Vessel Indic:	TANK		
Content Desc:	B - Unleaded Gas				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Piping

Piping Description: B-Steel/galvanized metal

Piping Description: A-Abv, no soil contact

Monitoring

Monitoring Desc: Q-Visual inspection of ASTs

Tank Construction

Constr Code: K
Constr Desc: AST containment

Constr Code: C
Constr Desc: Steel

Tank Information

Tank ID:	1	Tank Desc:	Double Walled
Tank Status:	U - IN SERVICE	Capacity:	10000
Status Date:	01-FEB-2012	Placement:	ABOVEGROUND
Installation Date:	01-NOV-1989	Tank Vessel Indic:	TANK
Content Desc:	D - Vehicular Diesel		

Piping

Piping Description: A-Abv, no soil contact

Piping Description: B-Steel/galvanized metal

Monitoring

Monitoring Desc: Q-Visual inspection of ASTs

Tank Construction

Constr Code: C
Constr Desc: Steel

Constr Code: K
Constr Desc: AST containment

<u>2</u>	2 of 2	WNW	0.06 / 325.08	123.07 / 4	DEAN WARD ENTERPRISES 15353 SW 92 ST LAKE BUTLER FL 32054	STCS
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Facility ID:	8945538	Zip5 (Open Data):	32054
Type:	C - Fuel User/Non-Retail	CountyID(OpenData):	63
Status:	Open	County (Open Data):	UNION
County:	UNION	Contam (Map):	
Fac Stat(OpenData):	OPEN	Fac Type (Map):	Fuel user/Non-retail
Fac Code(OpenData):	C	Fac Stat (Map):	OPEN
Fac Type(OpenData):	Fuel user/Non-retail	Status (Map):	REVIEWED
Clnup Cd(OpenData):		City (Map):	LAKE BUTLER
Clnup Dt(OpenData):		County (Map):	63
Status (Open Data):	REVIEWED	Zip5 (Map):	32054
City (Open Data):	LAKE BUTLER	Zip4 (Map):	9323
Fac Name(Open Data):	DEAN WARD ENTERPRISES		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Open Data):		15353 SW 92 ST				
Fac Cleanup Stat(Open Data):						
Name (Map):		DEAN WARD ENTERPRISES				
Address (Map):		15353 SW 92 ST				

FDEP Storage Tank Monitoring Open Data Details

Object ID:	33720	Map Src:	1994 doqs
X:	-82.3641213888907	Map Scale:	1507
Y:	30.0084549722256	Elevation:	
Regulated:	YES	EI Datum:	
Col Meth:	DPHO	EI Resolut:	
Col Name:	CALTA_H	EI Units:	
Col Date:	22-Sep-2003	ALB East:	557602.96
Col Prog:	TANKS-PETROLEUM CONTAMINATION	ALB North:	667865.02
Ver Meth:	DPHO	Loc ID:	11657
Ver Name:	CALTA_H	Lat DD:	30
Ver Prog:	TANKS-PETROLEUM CONTAMINATION	Lat MM:	0
Ver Date:	22-Sep-2003	Lat SS:	
OOIC:	FACILITY	Long DD:	82
Rel Feat:	EXACT	Long MM:	21
Datum:	HARN	Long SS:	
Coord Acc:	4		
Col Aff:	CONTRACTOR		
Ver Aff:	CONTRACTOR		
Direct:			
Documents:	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8945538/gis-facility!search		

FDEP Open Data - Storage Tank Contamination Monitoring (STCM)

Loc ID:	11657	Rel Feat:	EXACT
Site Type:	Fuel user/Non-retail	EI Datum:	
Contam Ind:		EI Resolut:	
Phone:	3864961695	EI Units:	
Operator:	CHARITY WARD	Map Src:	1994 doqs
Next action:	INVOICE DUE	Map Scale:	1507
Fin Respon:		Coord Acc:	4
Office:	NED	Alb East:	557602.96
OOIC:	FACILITY	Alb North:	667865.02
Col Meth:	DPHO	Datum:	HARN
Col Name:	CALTA_H	Elevation:	
Col Date:	9/22/2003	Lat DD:	30
Col Prog:	TANKS-PETROLEUM CONTAMINATION	Lat MM:	0
Ver Meth:	DPHO	Lat SS:	
Ver Name:	CALTA_H	Long DD:	82
Ver Prog:	TANKS-PETROLEUM CONTAMINATION	Long MM:	21
Ver Date:	9/22/2003	Long SS:	
Object ID:	11657		
Col Aff:	CONTRACTOR		
Ver Aff:	CONTRACTOR		
Documents:	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8945538/gis-facility!search		

FDEP - Storage Tank Contamination Monitoring (STCM) Details

Name:	Dean Ward Enterprises 15353 Sw 92 St Lake Butler, FL 32054- 9323
LL Method:	DPHO - Autonomous GPS
Account Owner:	Dean Ward Enterprises
Contact:	Charity Ward
Phone:	386-496-1695
District:	NED
County 1:	63 - Union
Latitude:	30:00:30.4379
Longitude:	82:21:50.8370

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 1
Size: 10000
Content: Vehicular Diesel
Installed: 11/01/1989
Placement: ABOVE
Status: In Service
Construction: C - Steel
 K - Ast Containment
Piping: A - Abv, No Soil Contact
 B - Steel/Galvanized Metal
Monitoring: Q - Visual Inspection Of Asts

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 2
Size: 5000
Content: Unleaded Gas
Installed: 11/01/1989
Placement: ABOVE
Status: In Service
Construction: C - Steel
 K - Ast Containment
Piping: A - Abv, No Soil Contact
 B - Steel/Galvanized Metal
Monitoring: Q - Visual Inspection Of Asts

3	1 of 1	NNE	0.21 / 1,093.35	126.33 / 7	HILLANDALE FARMS HWY 121 LAKE BUTLER FL 32054	STCS
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Facility ID: 8519170	Zip5 (Open Data): 32054
Type: C - Fuel User/Non-Retail	CountyID(OpenData): 63
Status: Closed	County (Open Data): UNION
County: UNION	Contam (Map):
Fac Stat(OpenData): CLOSED	Fac Type (Map): Fuel user/Non-retail
Fac Code(OpenData): C	Fac Stat (Map): CLOSED
Fac Type(OpenData): Fuel user/Non-retail	Status (Map): REVIEWED
Clnup Cd(OpenData):	City (Map): LAKE BUTLER
Clnup Dt(OpenData):	County (Map): 63
Status (Open Data): REVIEWED	Zip5 (Map): 32054
City (Open Data): LAKE BUTLER	Zip4 (Map): 9323
Fac Name(Open Data): HILLANDALE FARMS	
Address (Open Data): HWY 121	
Fac Cleanup Stat(Open Data):	
Name (Map): HILLANDALE FARMS	
Address (Map): HWY 121	

FDEP Storage Tank Monitoring Open Data Details

Object ID: 10329	Map Src: 1999 doqs
X: -82.357896305557	Map Scale: 4200
Y: 30.0143111111139	Elevation:
Regulated: NO	EI Datum:
Col Meth: DPHO	EI Resolut:
Col Name: CALTA_H	EI Units:
Col Date: 28-Jan-2004	ALB East: 558193.9
Col Prog: TANKS-PETROLEUM CONTAMINATION	ALB North: 668523.27
Ver Meth: DPHO	Loc ID: 11674
Ver Name: CALTA_H	Lat DD: 30
Ver Prog: TANKS-PETROLEUM CONTAMINATION	Lat MM: 0
Ver Date: 28-Jan-2004	Lat SS:
OOIC: FACILITY	Long DD: 82
Rel Feat: EXACT	Long MM: 21

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Datum:	HARN				Long SS:	
Coord Acc:	3					
Col Aff:					FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	
Ver Aff:					FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	
Direct:						
Documents:					https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8519170/gis-facility!search	

FDEP Open Data - Storage Tank Contamination Monitoring (STCM)

Loc ID:	11674				Rel Feat:	EXACT
Site Type:	Fuel user/Non-retail				EI Datum:	
Contam Ind:					EI Resolut:	
Phone:	9044962266				EI Units:	
Operator:	HILLANDALE FARMS				Map Src:	1999 doqs
Next action:					Map Scale:	4200
Fin Respon:					Coord Acc:	3
Office:	NED				Alb East:	558193.9
OOIC:	FACILITY				Alb North:	668523.27
Col Meth:	DPHO				Datum:	HARN
Col Name:	CALTA_H				Elevation:	
Col Date:	1/28/2004				Lat DD:	30
Col Prog:	TANKS-PETROLEUM CONTAMINATION				Lat MM:	0
Ver Meth:	DPHO				Lat SS:	
Ver Name:	CALTA_H				Long DD:	82
Ver Prog:	TANKS-PETROLEUM CONTAMINATION				Long MM:	21
Ver Date:	1/28/2004				Long SS:	
Object ID:	11674					
Col Aff:					FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	
Ver Aff:					FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	
Documents:					https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8519170/gis-facility!search	

FDEP - Storage Tank Contamination Monitoring (STCM) Details

Name:	Hillandale Farms Hwy 121 Lake Butler, FL 32054- 9323
LL Method:	DPHO - Unverified
Account Owner:	Hillandale Farms Of Fl Inc
Contact:	Hillandale Farms
Phone:	904-496-2266
District:	NED
County 1:	63 - Union
Latitude:	30:00:51.5200
Longitude:	82:21:28.4267

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No:	2
Size:	3000
Content:	Unleaded Gas
Installed:	07/01/1975
Placement:	UNDER
Status:	Removed from Site
Construction:	
Piping:	
Monitoring:	

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No:	1
Size:	3000
Content:	Vehicular Diesel
Installed:	08/01/1969
Placement:	UNDER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:		Removed from Site				
Construction:						
Piping:						
Monitoring:						

<u>4</u>	1 of 5	NE	0.24 / 1,285.54	125.51 / 6	CASON ENTERPRISES OF NORTH FLORIDA, INC 9614 SW SR 121 - LAKE BUTLER FL 32054	SSTS
EPA Region:		4				
Establishment No:		69837-FL-1				
Est Create Update Date:						
Est Site County:		Union				
Est Site Country:		USA				
Est Mailing Address:		PO BOX 538				
Est Mailing Address Line 2:		-				
Est Mail City:		LAKE BUTLER				
Est Mail State:		FL				
Est Mail Zip:		32054				
Est Mail Country:		USA				
Company Name:		CASON ENTERPRISES OF NORTH FLORIDA, INC				
Co Site Address Line 1:		9614 SW SR 121				
Co Site Address Line 2:		-				
Co Site City:		LAKE BUTLER				
Co Site State:		FL				
Co Site Zip:		32054				
Co Site Country:		USA				
Co Mailing Address Line 1:		PO BOX 538				
Co Mail Address Line 2:		-				
Co Mail City:		LAKE BUTLER				
Co Mail State:		FL				
Co Mail Zip:		32054				
Co Mail Country:		USA				

<u>4</u>	2 of 5	NE	0.24 / 1,285.54	125.51 / 6	LAKE BUTLER FARM CENTER HWY 121 SOUTH LAKE BUTLER FL	WCRPS
Site ID:		150277		Coord Accuracy ID:		4
Datum ID:		HARN		Zip5:		32054
Method ID:		DMAP		Zip4:		
Feature:				County ID:		63
Object of Interest:		CAP_RAP SITE		County:		UNION
Proximity to Object:		CENTR		Lat DD:		30
Interpolation Scale:				Lat MM:		0
Map Source:		1999 doqs		Long DD:		82
Map Source Scale:		1900		Long MM:		21
Collect Program ID:		CL				
Collect Username:		DAVIS_B				
Collect Affiliation:		DEPARTMENT OF ENVIRONMENTAL PROTECTION				
Verifying Program ID:		CL				
Verify Method ID:		DPHO				
Verifier Username:		DAVIS_B				
Verifier Affiliation:		DEPARTMENT OF ENVIRONMENTAL PROTECTION				
Project Name:		LAKE BUTLER FARM CENTER				
Documents:		https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/COM_150277/gis-facility!search				

Project Details

Project ID:	203731	District:	NED
OGC No:		GIS ALBX:	558374.42
Status:	OPEN	GIS ALBY:	668543.41
Priority Score:	35	Source:	Open Responsible Party Sites
Offsite COC:	Y		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Contaminants:		received notice from Domestic waste of site.				
4	3 of 5	NE	0.24 / 1,285.54	125.51 / 6	Cason Enterprises of North Florida 9614 SW SR 121 - Lake Butler FL 32054	SSTS
EPA Region:		4				
Establishment No:		36837-FL-1				
Est Create Update Date:						
Est Site County:		Union				
Est Site Country:		USA				
Est Mailing Address:		9614 SW SR 121				
Est Mailing Address Line 2:		-				
Est Mail City:		Lake Butler				
Est Mail State:		FL				
Est Mail Zip:		32054				
Est Mail Country:		USA				
Company Name:		ALFRED CHEMICAL CORP				
Co Site Address Line 1:		171 LOMBARDY ST				
Co Site Address Line 2:		-				
Co Site City:		BROOKLYN				
Co Site State:		NY				
Co Site Zip:		11222				
Co Site Country:		USA				
Co Mailing Address Line 1:		111 GARDNER AVE				
Co Mail Address Line 2:		-				
Co Mail City:		BROOKLYN				
Co Mail State:		NY				
Co Mail Zip:		11237				
Co Mail Country:		USA				
4	4 of 5	NE	0.24 / 1,285.54	125.51 / 6	LAKE BUTLER FARM CENTER HWY 121 SOUTH Lake Butler FL 32054-0	CLEANUP DEP
Source Database:		ERIC			Verifier Username: DAVIS_B	
Source Database ID:		ERIC_11480			Verif Status:	
RSC2 Remed Status:		OPEN			Verifier Affiliatn:	
Collect Username:		DAVIS_B			Verification Date: 2005/05/31	
Collect Date:					Verif Coord Method: DPHO	
Collect Affiliatn:					DC4 Datum ID: HARN	
OIC Object:		CAP_R			Interpolat: 0	
PC2 Proximity ID:		CENTR			Map Source:	
CALC Coord Acc:		4			Map Sour 1: 0	
Coordinate Method:		DPHO			County: UNION	
Cc2 County:		63			Latitude D: 30	
Oc3 Office:		NED			Latitude M: 0	
Point Y:		30.0144696194336			Longitude D: 82	
Point X:		-82.3560253310873			Longitude M: 21	
Geometry:						
Details						
Object ID:		6303				
CPAC Program Area ID:		CU				
CLCC Cleanup Category Key:		OTHCU				
DEP Cleanup Site Key:		76839238				
Data Load Date:		23-Aug-2023				
Comments:		Alternate ID:				
Documents:		https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/ERIC_11480/facility!search				
4	5 of 5	NE	0.24 / 1,285.54	125.51 / 6	Lake Butler Farm Center HWY 121 SOUTH	ERIC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Lake Butler FL 32054

Eric ID:	ERIC_11480	Offste Contami Key:	CONTAMNOSCHOOL
Site Status:	OPEN	Se Anno Cad Data:	
Source Facility ID:	74406	State:	FL
District:	NED	County Name:	Union
WMD:	SRWMD	County ID:	63
ICR Indicator:	NO	X:	-82.3560253310873
Discharge Date:		Y:	30.0144696194336
Method ID:	DPHO	Lat DD:	30
Object of Interest:	CAP_R	Lat MM:	0
Proximit to Object:	CENTR	Lat SS:	
Collector Username:	DAVIS_B	Long DD:	82
Collect Date:		Long MM:	21
Map Source:		Long SS:	
Map Source Scale:	0	Gis Albx:	558374.000828
Intrpolation Scale:	0	Gis Alby:	668542.999983
Coord Accuracy ID:	4	Datum ID:	HARN
Site Phase Dsc:	Phase 3 - Cleanup Design	Geometry:	
Site Name:	LAKE BUTLER FARM CENTER		
Documents:	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/ERIC_11480/gis-facility!search		

Program Details

Program:	Responsible Party Cleanup
Program Type:	RESPONSPARTY
Program Status:	ACTIVE
Site Manager:	Timothy Freeman

<u>5</u>	1 of 3	NE	0.38 / 2,008.96	129.82 / 10	SHADD TRUCKING INC 9678 SW HWY 121 S LAKE BUTLER FL 32054-9323	LST
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Facility ID:	8517168	Datum:	0
Facility Status:	OPEN	Lat DD:	30
Facility Type:	A - Retail Station	Lat MM:	0
Score:	40	Lat SS:	57.0164
Score Effctve Date:	03/09/2001	Long DD:	82
Score when Ranked:	40	Long MM:	21
Rank:	4215	Long SS:	16.2235
Operator:	CASSIE DIGGERS	Facility T (Map):	Retail Station
Prim Related Party:	45215	Facility S (Map):	OPEN
Primary RP Role:	ACCOUNT OWNER	County (Map):	UNION
RP Begin Date:	01/09/1997	Collection (Map):	DPHO
Phone:	(904)496-2631	Collector (Map):	CALTA_H
Name Changed:	07/01/2004	Collecti 1 (Map):	9/19/2003
Address Changed:	07/10/2018	Datum (Map):	HARN
Section:		Rel Feat (Map):	EXACT
Township:		Geometry (Map):	
Range:		Lat DD (Map):	30
District:	NED	Lat MM (Map):	0
County:	UNION	Lat SS (Map):	
County No:	63	Long DD (Map):	82
Feature:		Long MM (Map):	21
Method:	AGPS	Long SS (Map):	
RP Name:	SHADD TRUCKING		
RP Address1:	PO BOX 506		
RP Address2:	ATTN: STORAGE TANK REGIS		
RP City:	LAKE BUTLER		
RP State:	FL		
RP Zip5:	32054		
RP Zip4:			
Contact:	CASSIE DRIGGERS		
RP Phone:	(904)496-2631		
RP Phone Ext.:			
RP Bad Addr Ind:	No		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility Name (Map): SHADD TRUCKING INC
Address (Map): 9678 SW HWY 121 S
City (Map): LAKE BUTLER
Zip5 (Map): 32054
Document L (Map): https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8517168/facility!search
Oculus Docs Inventory: https://erissservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=8517168&CAT=11
Information Portal Fac URL: http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&facility.id=8517168
Information Portal Doc URL: http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8517168/facility!search
Source: DEP; Storage Tanks & Contamination Monitoring, Discharge Info.; FDEP Open Data, Petroleum Contamination Monitoring (PCTS) Discharges (Map)

Discharge Cleanup Summary

Discharge Date: 04/30/1999
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Discharge Cleanup Stat Date: 09/29/2008
Eligibility Indicator: I - INELIGIBLE
Site Manager: DOHANEY_T
Site Manager End Date: 09/29/2008
Tank Office: PCNED - NED CLEANUP & COMPLIANCE ASSURANCE PROGRAM

Contaminated Media

Contaminated Drinking Wells:
Contaminated Mntring Wells: YES
Contaminated Soil:
Contaminated Surface Water:
Contaminated Ground Water: YES
Pollutant: D - Vehicular Diesel
Other Description:
Gallons Discharged:

Petroleum Cleanup Program Eligibility

Cleanup Program: P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status: INELIGIBLE

Task Info

SA Task ID: 60875 SA Cleanup Resp: RP - RESPONSIBLE PARTY SA Actual Cost: SA Complete Date: SA Payment Date: SR Task ID: SR Cleanup Resp: - SR Actual Cost: SR Complete Date: SR Payment Date: SR Oral Date: SR Written Date: SR Soil Removal: SR Free Prod Rmvl: SR Soil Ton Remove: SR Fund Elig Type: - SA Fund Elig Type: - RAP Fund Elig Type: - RA Fund Elig Type: - SR Alternate Procedure Status: SR Alt Procedure Status Dt: SR Alt Procedure Comment: SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT SRC Submit Date: 11-Jul-2008 00:00:00	SR Soil Treatment: SR Other Treatment: SR Alt Proc Rec: RAP Task ID: 62642 RAP Clean Resp ID: - RAP Actual Cost: RAP Complete Date: 09-25-2007 RAP Payment Date: RAP Last Ord Appr: RA Task ID: 65077 RA Cleanup Resp: - RA Yrs to Complete: 0 RA Actual Cost: Tank Office: PCNED - Northeast District
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Review Date: 09-16-2008
SRC Complete Status: A - APPROVED
SRC Comp Status Dt: 09-16-2008
SRC Issue Date: 09-29-2008
SRC Comments:

Petroleum Cleanup PCT Facility Score

Related Party ID: 45215
RP Contact: CASSIE DRIGGERS
Facility Cleanup Status: CMPL - COMPLETED
Bad Address Indicator: N

Discharge Info (Map)

Discharge:	51146	Eligibility:	INELIGIBLE
Discharge 1:	30-Apr-1999	Eligibility 1:	
Discharge 2:	40	Report Pha:	COMPLETED
Discharge 3:	SRCR	Report Sub:	COMPLETED
General Cl:	CLOSURE	Report S 1:	29-Sep-2008
Disch Clea:	29-Sep-2008	Staff Assi:	
Tank Offic:	NED CLEANUP & COMPLIANCE ASSURANCE PROGRAM		

AST UST Discharges

Dep Co:	C	Long SS:	18
CU Req:	R	CU Stat:	
Score:	00040	Stat Desc:	SRCR COMPLETE
Descrip:	CLEANUP REQUIRED	Fac Name:	SHADD TRUCKING INC
Discharge Date:	30-APR-99	Fac Type:	A
Score Date:	14-AUG-2006	Type Desc:	Retail Station
Stat Date:	29-SEP-2008	Fac Addr:	9678 SW HWY 121 S
LL Meth:	AGPS	Fac City:	LAKE BUTLER
Lat DD:	30	Fac Zip:	32054
Lat MM:	0	County:	63
Lat SS:	55	Fac State:	OPEN
Long DD:	82	Fac Phone:	9044962631
Long MM:	21		
Prg Desc:			

Ineligible Discharges

Discharge Date: 04/30/1999
Score: 40
Current Status: CLOSED
Facility: SHADD TRUCKING INC
Address: 9678 SW HWY 121 S
City: LAKE BUTLER
Zip: 32054
County: UNION
Owner: SHADD TRUCKING
Owner Address: PO BOX 506
Ownercity: LAKE BUTLER
Owner State: FL
Owner Zip: 32054
Owner Phone: (904)496-2631
Owner Email: MWHITAKER@SHADDTRUCKING.US

<u>5</u>	2 of 3	NE	0.38 / 2,008.96	129.82 / 10	SHADD TRUCKING INC 9678 SW HWY 121 S LAKE BUTLER FL 32054	STCS
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Facility ID: 8517168 **Zip5 (Open Data):** 32054

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	A - Retail Station				CountyID(OpenData): 63	
Status:	Open				County (Open Data): UNION	
County:	UNION				Contam (Map):	
Fac Stat(OpenData):	OPEN				Fac Type (Map): Retail Station	
Fac Code(OpenData):	A				Fac Stat (Map): OPEN	
Fac Type(OpenData):	Retail Station				Status (Map): REVIEWED	
Clnup Cd(OpenData):	CMPL				City (Map): LAKE BUTLER	
Clnup Dt(OpenData):	2008/09/28				County (Map): 63	
Status (Open Data):	REVIEWED				Zip5 (Map): 32054	
City (Open Data):	LAKE BUTLER				Zip4 (Map): 9323	
Fac Name(Open Data):	SHADD TRUCKING INC					
Address (Open Data):	9678 SW HWY 121 S					
Fac Cleanup Stat(Open Data):	COMPLETED					
Name (Map):	SHADD TRUCKING INC					
Address (Map):	9678 SW HWY 121 S					

FDEP Storage Tank Monitoring Open Data Details

Object ID:	8909			Map Src:	1994 doqs
X:	-82.3545065277795			Map Scale:	2840
Y:	30.0158378888922			Elevation:	
Regulated:	YES			EI Datum:	
Col Meth:	DPHO			EI Resolut:	
Col Name:	CALTA_H			EI Units:	
Col Date:	19-Sep-2003			ALB East:	558518.28
Col Prog:	TANKS-PETROLEUM CONTAMINATION			ALB North:	668696.820000001
Ver Meth:	DPHO			Loc ID:	11684
Ver Name:	CALTA_H			Lat DD:	30
Ver Prog:	TANKS-PETROLEUM CONTAMINATION			Lat MM:	0
Ver Date:	19-Sep-2003			Lat SS:	
OOIC:	FACILITY			Long DD:	82
Rel Feat:	EXACT			Long MM:	21
Datum:	HARN			Long SS:	
Coord Acc:	4				
Col Aff:	CONTRACTOR				
Ver Aff:	CONTRACTOR				
Direct:					
Documents:	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8517168/gis-facility!search				

FDEP Open Data - Storage Tank Contamination Monitoring (STCM)

Loc ID:	11684			Rel Feat:	EXACT
Site Type:	Retail Station			EI Datum:	
Contam Ind:				EI Resolut:	
Phone:	9044962631			EI Units:	
Operator:	CASSIE DIGGERS			Map Src:	1994 doqs
Next action:	PLACARD 29-JUN-2023			Map Scale:	2840
Fin Respon:				Coord Acc:	4
Office:	NED			Alb East:	558518.28
OOIC:	FACILITY			Alb North:	668696.820000001
Col Meth:	DPHO			Datum:	HARN
Col Name:	CALTA_H			Elevation:	
Col Date:	9/19/2003			Lat DD:	30
Col Prog:	TANKS-PETROLEUM CONTAMINATION			Lat MM:	0
Ver Meth:	DPHO			Lat SS:	
Ver Name:	CALTA_H			Long DD:	82
Ver Prog:	TANKS-PETROLEUM CONTAMINATION			Long MM:	21
Ver Date:	9/19/2003			Long SS:	
Object ID:	11684				
Col Aff:	CONTRACTOR				
Ver Aff:	CONTRACTOR				
Documents:	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/8517168/gis-facility!search				

FDEP - Storage Tank Contamination Monitoring (STCM) Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:		Shadd Trucking Inc 9678 Sw Hwy 121 S Lake Butler, FL 32054- 9323				
LL Method:		DPHO - Autonomous GPS				
Account Owner:		Shadd Trucking				
Contact:		Cassie Diggers				
Phone:		904-496-2631				
District:		NED				
County 1:		63 - Union				
Latitude:		30:00:57.0164				
Longitude:		82:21:16.2235				

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 2
Size: 4000
Content: Vehicular Diesel
Installed: 07/01/1981
Placement: UNDER
Status: Removed from Site
Construction:
Piping:
Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 6
Size: 1000
Content: New/Lube Oil
Installed: 10/01/1996
Placement: ABOVE
Status: Removed from Site
Construction:
Piping:
Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 4
Size: 6000
Content: Leaded Gas
Installed: 07/01/1981
Placement: UNDER
Status: Closed In Place
Construction:
Piping:
Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 11
Size: 12000
Content: Unleaded Gas
Installed: 03/01/1999
Placement: ABOVE
Status: In Service
Construction: C - Steel
K - Ast Containment
M - Spill Containment Bucket
N - Flow Shut-Off
O - Tight Fill
Piping: P - Level Gauges/Alarms
A - Abv, No Soil Contact
B - Steel/Galvanized Metal
I - Suction Piping System

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Monitoring: Q - Visual Inspection Of Asts

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 5
Size: 3000
Content: Vehicular Diesel
Installed: 10/01/1996
Placement: ABOVE
Status: In Service
Construction: I - Double Wall
M - Spill Containment Bucket
O - Tight Fill
Piping: P - Level Gauges/Alarms
A - Abv, No Soil Contact
I - Suction Piping System
N - Approved Synthetic Material
Monitoring: F - Monitor Dbl Wall Tank Space
Q - Visual Inspection Of Asts

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 7
Size: 8000
Content: Unleaded Gas
Installed: 05/01/1989
Placement: UNDER
Status: Removed from Site
Construction:
Piping:
Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 8
Size: 8000
Content: Vehicular Diesel
Installed: 05/01/1989
Placement: UNDER
Status: Removed from Site
Construction:
Piping:
Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 9
Size: 8000
Content: Vehicular Diesel
Installed: 05/01/1989
Placement: UNDER
Status: Removed from Site
Construction:
Piping:
Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 3
Size: 6000
Content: Unleaded Gas
Installed: 07/01/1981
Placement: UNDER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status: Closed In Place
 Construction:
 Piping:
 Monitoring:

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 10
 Size: 15000
 Content: Vehicular Diesel
 Installed: 03/01/1999
 Placement: ABOVE
 Status: In Service
 Construction: C - Steel
 K - Ast Containment
 M - Spill Containment Bucket
 N - Flow Shut-Off
 O - Tight Fill
 P - Level Gauges/Alarms
 Piping: A - Abv, No Soil Contact
 B - Steel/Galvanized Metal
 I - Suction Piping System
 Monitoring: Q - Visual Inspection Of Asts

FDEP - Registered Tanks from Storage Tank Contamination Monitoring (STCM) Details

Tank No: 1
 Size: 10000
 Content: Vehicular Diesel
 Installed: 07/01/1981
 Placement: UNDER
 Status: Removed from Site
 Construction:
 Piping:
 Monitoring:

5	3 of 3	NE	0.38 / 2,008.96	129.82 / 10	SHADD TRUCKING INC 9678 SW HWY 121 S LAKE BUTLER FL 32054	DWM CONTAM
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Facility ID:	8517168	Contact:
Site ID:	8517168	Phone:
Program Area:		Method:
Facility Type:		Datum:
Fac Type:		Related Party ID:
County ID:	63	Primary RP Role:
Ftc1 Fac Type ID:	A	RP Begin Date:
Stcm Facility Type:	A	RP Address1:
District:	NED	RP Address2:
Site Status:		RP City:
Section:		RP State:
Township:		RP Zip5:
County:	Union	RP Zip4:
Range:		RP Phone:
Rank:		RP Extension:
Operator:		RP Bad Addr Ind:
Name Changed:		RP Name:
Addr Changed:		
Facility Name:	SHADD TRUCKING INC	
Description:	Retail Station	

Program Details

Facility Status: Staff Assigned:
 Offsite Contam: Priority:

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AST	LAKE BUTLER CTY WWTF	SW SR 121 <i>Facility ID Facility Status:</i> 9806957 OPEN <i>Tank Status Status Date:</i> U - IN SERVICE 01-JUL-1998	LAKE BUTLER FL	32054	813492781
DWM CONTAM	LAKE BUTLER FARM CENTER	HWY 121 SOUTH <i>Facility ID:</i> 74406	Lake Butler FL	32054	874800367
FINDS/FRS	FL DEPT OF TRANSPORTATION BRIDGE #390009	SR 121 OVER FORMER CSX RAILROAD <i>Registry ID:</i> 110071248544	LAKE BUTLER FL	32054	917156387
SWF/LF	UNION COUNTY DDMS	SOUTHWEST 92 PLACE	LAKE BUTLER FL	32054	813519442

Unplottable Report

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

AST

Facility ID:	9806957	County:	UNION
Facility Status:	OPEN	Lat/Long Method:	
Facility Type:	H	Lat DD:	
Type Desc:	Local Government	Lat MM:	
Facility Phone:	3864964853	Lat SS:	
Dep Co:	P	Long DD:	
Owner ID:	12343	Long MM:	
Owner Phone:	3864963203	Long SS:	
Owner:	LAKE BUTLER CITY		
Owner Address1:	200 SW 1ST ST		
Owner Address2:			
Owner City:	LAKE BUTLER		
Owner State:	FL		
Owner Zip 5:	32054		
Contact:	HARDY CLYATT		
Data Source:	Tank Facility - All Locations and Tank Information; Tank Facility - All Locations and Owner Information		
Oculus Docs Inventory URL:	https://eriservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=9806957&CAT=11		
Information Portal Fac URL:	http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&facility.id=9806957		
Information Portal Doc URL:	http://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9806957/facility!search		

Tank Information

Tank ID:	1	Tank Desc:	Double Walled
Tank Status:	U - IN SERVICE	Capacity:	1300
Status Date:	01-JUL-1998	Placement:	ABOVEGROUND
Installation Date:	01-JUL-1998	Tank Vessel Indic:	TANK
Content Desc:	D - Vehicular Diesel		

Piping

Piping Description: X-No piping associated w/tank

Monitoring

Monitoring Desc: Q-Visual inspection of ASTs

Monitoring Desc: M-Manual tank gauging - USTs

Monitoring Desc: F-Monitor dbl wall tank space

Tank Construction

Constr Code:	M
Constr Desc:	Spill containment bucket
Constr Code:	P
Constr Desc:	Level gauges/alarms
Constr Code:	C
Constr Desc:	Steel
Constr Code:	I
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 Progrm:
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: FL DEPT OF TRANSPORTATION BRIDGE #390009
SR 121 OVER FORMER CSX RAILROAD LAKE BUTLER FL 32054

FINDS/FRS

Registry ID: 110071248544
FIPS Code: 12125
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 27-APR-22
Update Date:
Interest Types: LQG
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 04
County Name: UNION
US/Mexico Border Ind:
Latitude:
Longitude:

Reference Point:

Coord Collection Method:

Accuracy Value:

Datum: NAD83

Source:

Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071248544

Data Source: Facility Registry Service - Single File

Program Acronyms:

RCRAINFO:FLT210089371

Site: UNION COUNTY DDMS
SOUTHWEST 92 PLACE LAKE BUTLER FL 32054

SWF/LF

Facility ID:	97779	District:	NED
Fac Type (Geodata):	Solid Waste	Section:	
Fac Stat (Geodata):	Inactive	Township:	
Status Dt (Geodat):	2017/12/01 00:00:00+00	Range:	
Ownership (Geodat):	County	County ID (Geodat):	63
Zip4 (Geodata):		County (Geodata):	Union
Zip5 (Geodata):	32054	County:	UNION
District (Geodata):	NED	Latitude:	30:0:27.37
Office (Geodata):	Northeast District	Longitude:	82:21:37.31
Resp Authority:	UNION COUNTY BOARD OF COUNTY COMMISSIONERS		
RA Address:	55 WEST MAIN STREET, RM 103		
City1:	LAKE BUTLER		
RA State:	FL		
Zip1:			
RA Phone No.:			
RA Email:			
Site Supervisor:			
SS Address:			
City 1:			
SS State:			
Zip 1:			
SS Phone No:			
SS Email:			
Land Owner:			
LO Address:			
City 2:			
LO State:			
Zip 2:			
LO Phone No:			
Facility Name (Geodata):	UNION COUNTY DDMS		
Address (Geodata):	SOUTHWEST 92 PLACE		
City (Geodata):	Lake Butler		
Documents (Geodata):	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/97779/gis-facility!search		
Reports (Geodata):	https://fldeploc.dep.state.fl.us/WWW_WACS/Reports/SW_Facility_Inventory_res2.asp?wacsid=97779		
Info Portal Facility URL:	http://prodenv.dep.state.fl.us/DepNexus/public/facilitysearch?pagination=true&facility.id=97779		
Oculus Docs Inventory URL:	https://erisservice7.ecologeris.com/ErisExt/flo/ocure.ashx?ID=97779&CAT=8		
Data Source:	Solid Waste Facility Inventory Report; Florida DEP Geospatial Open Data		

Class details

Class: DISASTER DEBRIS MANAGEMENT SITE
Class Status: INACTIVE (I)

Solid Waste Facility Inventory Geospatial Open Data

Object of Interest:	Facility	Lat DD:	30
Accuracy Level:	3	Lat MM:	0
Accuracy:	1.1 - 10 meters	Lat SS:	
QA Status:	Reviewed	Long DD:	82
Datum ID:	NAD83	Long MM:	21
X:	557966.198698322	Long SS:	
Y:	667775.234158838		
Class:			

Class Status:
Proximity ID: Exact feature location
Coord Method ID: Differentially Corrected C/A Code Phase GPS

Solid Waste Facility Inventory Geospatial Open Data

Object of Interest:	Waste Processing Area	Lat DD:	30
Accuracy Level:	3	Lat MM:	0
Accuracy:	1.1 - 10 meters	Lat SS:	
QA Status:	Reviewed	Long DD:	82
Datum ID:	NAD83	Long MM:	21
X:	557966.198698322	Long SS:	
Y:	667775.234158838		
Class:	DISASTER DEBRIS MANAGEMENT SITE		
Class Status:	Inactive		
Proximity ID:	Exact feature location		
Coord Method ID:	Differentially Corrected C/A Code Phase GPS		

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

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the United States 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 are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

Deleted NPL:

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. 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 are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

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 SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jul 26, 2023

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

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: Jul 26, 2023

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

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

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: Jul 10, 2023

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 listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jul 10, 2023

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: Jul 10, 2023

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: Jul 10, 2023

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: Jul 10, 2023

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: Jul 10, 2023

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: Jul 10, 2023

Federal Engineering Controls-ECs:

[FED ENG](#)

This list of Engineering controls (ECs) is provided 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 issued in fiscal years 1982-2021 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: Aug 23, 2023

Federal Institutional Controls- ICs:

[FED INST](#)

This list of Institutional controls (ICs) is provided 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 issued in fiscal years 1982-2021 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: Aug 23, 2023

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

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of 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.

Government Publication Date: May 25, 2023

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: Apr 3, 2023

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: Sep 13, 2022

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: May 2, 2023

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: May 2, 2023

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](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia 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 that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

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: Jul 26, 2023

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: May 25, 2023

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

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 is state equivalent CERCLIS.

Government Publication Date: Sep 18, 2023

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: Sep 18, 2023

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: Aug 10, 2023

Florida Department of Environmental Protection Cleanup Sites:

[CLEANUP DEP](#)

The Cleanup Sites layer feeds the FDEP's Contamination Locator Map (CLM). It 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: Aug 11, 2023

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: Aug 11, 2023

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: May 25, 2023

Leaking Tanks:

[LST](#)

The Storage Tank Regulation Section is part of the Petroleum Restoration Program in the Florida Department of Environmental Protection (FDEP)'s Division of Waste Management. In 1983, Florida was one of the first states in the union to pass legislation and adopt rules for underground and aboveground storage tank systems. Since then, over 28,000 facilities have reported discharges of petroleum products from storage tank systems. 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: Jun 28, 2023

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: Aug 31, 2023

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: Aug 11, 2023

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: Aug 11, 2023

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: Aug 11, 2023

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: Aug 29, 2023

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: Aug 29, 2023

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: Aug 31, 2023

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: Aug 11, 2023

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: Aug 11, 2023

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: Jul 1, 2022

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: Sep 8, 2021

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: Aug 3, 2023

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: Jul 5, 2023

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: Apr 20, 2023

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: Apr 20, 2023

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: Apr 26, 2023

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: Apr 26, 2023

County

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

Additional Environmental Record Sources

Federal

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: Mar 2, 2023

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.

Government Publication Date: Oct 19, 2022

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: Sep 14, 2023

Federal Agency Locations with Known or Suspected PFAS Detections:

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. 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, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to April 2023. 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: Apr 24, 2023

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by 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, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. 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: Oct 9, 2022

National Response Center PFAS Spills:

[ERNS PFAS](#)

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: Jun 17, 2023

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: May 1, 2023

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.

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

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: Apr 9, 2023

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: Apr 16, 2023

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

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: Jul 26, 2023

Toxic Substances Control Act:

[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 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).

Government Publication Date: Apr 11, 2019

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: Aug 23, 2023

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 SCRD 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: Jan 21, 2023

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: Apr 15, 2023

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: Apr 15, 2023

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.

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: Jul 12, 2022

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](#)

A list of flagged pipeline incidents 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.

Government Publication Date: Dec 30, 2022

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: May 1, 2023

Surface Mining Control and Reclamation Act Sites:

[SMCRA](#)

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide 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) impacts, 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 eAMLIS (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: Jun 13, 2023

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: May 25, 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 30, 2023

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 Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. 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: Apr 19, 2023

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: Mar 1, 2023

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: Mar 20, 2023

State

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: Aug 11, 2023

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: Apr 13, 2023

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: Apr 13, 2023

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: Jul 26, 2023

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: May 31, 2023

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: Aug 23, 2023

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: Jul 31, 2023

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: Jul 20, 2023

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: Mar 6, 2023

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 10, 2023

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 E – HISTORICAL RECORDS DOCUMENTATION



CHAIN OF TITLE & **LIEN SEARCHES**

Project Property: 9184 SOUTHWEST 92ND PLACE
LAKE BUTLER, FL 32054

Order No: 23100900097

Date Completed: 10/12/2023

Title to the estate or interest covered by this report appears to be vested in:
UNION COUNTY, A POLITICL SUBDIVISION

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

W1/2 OF E1/2 OF E1/2 S OF ST RD & W1/2 OF SE1/4 S OF ST RD

Assessor's Parcel Number(s):

36-05-19-00-000-0170-0

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 23100900097

TARGET PROPERTY INFORMATION

ADDRESS

9184 SOUTHWEST 92ND PLACE
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 OCTOBER 9, 2023, 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: 23100900097

ENVIRONMENTAL LIENS

Environmental Lien: NOT FOUND

ACTIVITY AND USE LIMITATIONS (AULs)

AULs: NOT FOUND

ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 23100900097

CHAIN OF TITLE TO 1980

- 1. Deed Type: QUIT CLAIM DEED
- Deed Date: 12/21/1960
- Recorded: 09/21/1960
- Grantor: UNITED STATES OF AMERICA, ACTING BY AND THROUGH THE ADMINSTRATOR OF GENERAL SERVICES
- Grantee: UNION COUNTY, A POLITICL SUBDIVISION
- Instrument: BOOK 23 / PAGE 181
- Notes: RESEARCH CONDUCTED BACK TO 1980. NO OTHER DEEDS OF RECORD FOUND POST DECEMBER 31, 1979.

ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 23100900097

LEASES AND MISCELLANEOUS

Comments: NONE IDENTIFIED.

ENVIRONMENTAL LIEN TO 1980 REPORT

Order No: 23100900097

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.

Union County Property Appraiser

Bruce D. Dukes

2023 Preliminary Certified Values

updated: 10/5/2023

Parcel: << 36-05-19-00-000-0170-0 (1215) 03 >>

Aerial Viewer Google Maps

Owner & Property Info		Result: 1 of 1	
Owner	UNION COUNTY AIRPORT ROOM 103, COURTHOUSE LAKE BUTLER, FL 32054		
Site	SW SR 121, LAKE BUTLER		
Description*	W1/2 OF E1/2 OF E1/2 S OF ST RD & W1/2 OF SE1/4 S OF ST RD		
Land Area	60 AC (Please see Acreage Note in the Land Breakdown section below)	S/T/R	36/05/19
Use Code**	COUNTY (8600)	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	\$300,000	Total Appraised	\$300,000
Ag Land	\$0	SOH Cap [?]	\$0
Building	\$0	Assessed	\$300,000
XFOB	\$0	Exempt	03 \$300,000
Just	\$300,000		
Class	\$0	Total Taxable	county:\$0 other:\$0 school:\$0

Sales History						
Sale Date	Sale Price	Book/Page	Deed	V/I	Qualification (Codes)	RCode
NONE						

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

Extra Features & Out Buildings (Codes)					
Code	Desc	Year Blt	Value	Units	Dims
NONE					

Land Breakdown					
Code	Desc	* Units	Adjustments	Eff Rate	Land Value
8600	COUNTY (MKT)	60.000 AC	1.0000/1.0000 1.0000/ /	\$5,000 /AC	\$300,000

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

Deed Book

QUITCLAIM DEED

BOOK 23 PAGE 181

THIS QUITCLAIM DEED, made this the 11th day of December, 1960, by the UNITED STATES OF AMERICA, acting by and through the Administrator of General Services, under and pursuant to the powers and authority contained in the provisions of the Federal Property and Administrative Services Act of 1949, approved June 30, 1949 (63 Stat. 377), as amended, and regulations and orders promulgated thereunder, Grantor, to UNION COUNTY, a political subdivision of the State of Florida, Grantee.

WITNESSETH:

That the Grantor, for and in consideration of the sum of ONE HUNDRED THOUSAND AND NO/100 DOLLARS (\$100,000.00) cash in hand paid, the receipt of which is hereby acknowledged, has remised, released and forever quitclaimed and does by these presents remise, release and forever quitclaim unto the Grantee, its successors and assigns, all right, title, interest, claim and demand which the Grantor has in and to all that certain tract of land, containing 1,020 acres, more or less, comprising a part of Section 36, Township 5 South, Range 19 East, parts of Sections 1 and 12, Township 6 South, Range 19 East, and parts of Sections 6 and 7, Township 6 South, Range 20 East, said tract of land situate, lying and being in the county of Union, in the State of Florida, and more particularly described as follows, to-wit:

For point of beginning commence at the corner common to Sections 1, 2, 11 and 12, Township 6 South, Range 19 East, and run thence in a Southerly direction along the line dividing said Sections, a distance of 2640 feet, more or less, to the Southwest corner of the NW $\frac{1}{4}$ of said Section 12, said corner being a point in Dekias' Mill Pond; run thence in an Easterly direction along the Southerly boundary of the N $\frac{1}{4}$ of said Section 12, a distance of 3000 feet, more or less, to the Northeast corner of the W $\frac{1}{4}$ of the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 12; run thence in a Southerly direction along the East boundary of the W $\frac{1}{4}$ of the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section and along its Southerly prolongation, a distance of 1530 feet, more or less, to the North side of the right-of-way of a dirt road; run thence in an Easterly direction along the North side of said right-of-way, a distance of 133 feet, more or less, to a point in the Southerly prolongation of the Easterly boundary of the W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 12; run thence in a Northerly direction along the Southerly prolongation of the East boundary of the W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section and along said boundary, a distance of 1530 feet, more or less, to the Northeast corner of the W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 12; run thence in an Easterly direction along the

Southerly boundary of the $\frac{N}{4}$ of said Section 12, and along the Southerly boundary of the $\frac{N}{4}$ of Section 7, Township 6 South, Range 20 East, a distance of 1445 feet, more or less, to a point in the West side of the right-of-way of the new graded dirt road running from Lake Butler to Brooker; run thence in a Northerly and Northeasterly direction along the Westerly side of said right-of-way, a distance of 5100 feet, more or less, to a point which lies 200 feet northeasterly from the point where said right-of-way line crosses the center of the run of a creek; run thence in a Northwesterly direction, a distance of 2350 feet, more or less, to the Northeast corner of the $\frac{SW}{4}$ of the $\frac{S}{4}$ of Government Lot 6, Section 6, Township 6 South, Range 20 East; run thence in a Westerly direction along the Northerly boundary of the $\frac{SW}{4}$ of the $\frac{S}{4}$ of said Government Lot 6, and along the Northerly boundary of the $\frac{SE}{4}$ of the $\frac{SE}{4}$ of the $\frac{NE}{4}$ of Section 1, Township 6 South, Range 19 East, a distance of 1400 feet, more or less, to the Northwest corner of the $\frac{SE}{4}$ of the $\frac{SE}{4}$ of the $\frac{NE}{4}$ of said Section 1; run thence in a Northerly direction along the West boundary of the $\frac{E}{4}$ of the $\frac{E}{4}$ of the $\frac{NE}{4}$ of said Section 1, a distance of 1980 feet, more or less, to a point in the North boundary of said Section; continue thence in a Northerly direction parallel to the East boundary of Section 36, Township 5 South, Range 19 East; a distance of 2740 feet, more or less, to a point in the Southeast side of the right-of-way of Florida State Road No. 49; run thence in a Southwesterly direction along the Southeast side of said right-of-way, a distance of 1925 feet, more or less, until said right-of-way is intersected by a line running parallel to the East boundary of said Section 36 and passing through the Northwest corner of the $\frac{E}{4}$ of the $\frac{W}{4}$ of the $\frac{NE}{4}$ of Section 1 aforementioned; run thence in a Southerly direction parallel to the East boundary of said Section 36, a distance of 1080 feet, more or less, to the Northwest corner of the $\frac{E}{4}$ of the $\frac{W}{4}$ of the $\frac{NE}{4}$ of Section 1 aforementioned; run thence in a southerly direction along the Westerly boundary of the $\frac{E}{4}$ of the $\frac{W}{4}$ of the $\frac{NE}{4}$ of Section 1, a distance of 1650 feet, more or less, to the Southwest corner of the $\frac{N}{4}$ of the $\frac{NE}{4}$ of the $\frac{SW}{4}$ of the $\frac{NE}{4}$ of said Section 1; run thence in a Westerly direction along the Southerly boundary of the $\frac{N}{4}$ of the $\frac{E}{4}$ of the $\frac{N}{4}$ of said Section 1, a distance of 2640 feet, more or less, to the Southeast side of the right-of-way of Florida State Road No. 49; run thence in a Southwesterly direction down the Southeast side of said right-of-way, a distance of 1020 feet, more or less, to the West boundary of said Section; run thence in a Southerly direction along the West boundary of said Section 1, a distance of 270 feet, more or less, to the Southwest corner of the $\frac{NW}{4}$ of said section; run thence in an Easterly direction along the Southerly boundary of the $\frac{N}{4}$ of said Section, a distance of 667 feet.

more or less, to the Northwest corner of the $N\frac{1}{2}$ of the $NE\frac{1}{4}$ of the $SW\frac{1}{4}$ of said section; run thence in a southerly direction along the Westerly boundary of the $N\frac{1}{2}$ of the $NE\frac{1}{4}$ of the $SW\frac{1}{4}$ of said Section 1, a distance of 330 feet, more or less, to the Southwest corner of the $N\frac{1}{2}$ of the $NE\frac{1}{4}$ of the $SW\frac{1}{4}$ of said section; run thence in an Easterly direction along the Southerly boundary of the $N\frac{1}{2}$ of the $NE\frac{1}{4}$ of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said section, a distance of 667 feet, more or less, to a point in the East boundary of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said section; run thence in a Southerly direction along the East boundary of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said section, a distance of 990 feet, more or less, to the Southeast corner of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said Section 1; run thence in a Westerly direction along the Northerly boundary of the $S\frac{1}{2}$ of the $SW\frac{1}{4}$ of said section, a distance of 1330 feet, more or less, to a point in the West boundary of said Section 1; run thence in a Southerly direction along the West boundary of said Section 1, a distance of 1320 feet, more or less, to the point of beginning; TOGETHER with the rights of the Grantor in those certain easements and rights-of-way described as follows:

(1) Easement and Right-of-Way, dated March 14, 1944, from A. C. STRICKLAND to the UNITED STATES OF AMERICA, recorded at page 559, Book No. 4, Miscellaneous, of the records in the office of the Clerk of the Circuit Court for Union County, Florida;

(2) Easement and Right-of-Way, dated February 22, 1944, from R. J. ANDREWS and his wife, IDA ANDREWS to the UNITED STATES OF AMERICA, recorded at page 557, Book No. 4, Miscellaneous, of the records in the office of the Clerk of the Circuit Court for Union County, Florida;

(3) Easement and Right-of-Way, dated June 4, 1944, from CONTAINER CORPORATION OF AMERICA to the UNITED STATES OF AMERICA, recorded at page 542, Book No. 4, Miscellaneous, of the records in the office of the Clerk of the Circuit Court for Union County, Florida.

SUBJECT, HOWEVER, to all existing easements and rights-of-way for roads, highways, railroads, pipelines and public utilities.

TO HAVE AND TO HOLD the same, together with all and singular the appurtenances thereunto belonging or in any wise appertaining and all the estate, right, title, interest or claim whatsoever of the said Grantor, either in law or in equity, to the only proper use, benefit and behoof of the Grantee, its successors and assigns, forever.



HISTORICAL AERIALS

Project Property: County Airport Parcel
9184 Southwest 92nd Place
Lake Butler FL 32054

Project No: 20165101 - Task 13

Requested By: PPM Consultants, Inc.

Order No: 23100900097

Date Completed: October 11, 2023

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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Date	Source	Scale	Comments
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'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
1999	United States Geological Survey	1" = 500'	
1995	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	Best Copy Available
1981	Florida Department of Transportation	1" = 500'	
1971	Florida Department of Transportation	1" = 500'	
1965	Agricultural Stabilization & Conserv. Service	1" = 500'	
1951	Army Mapping Service	1" = 500'	
1949	Agricultural Stabilization & Conserv. Service	1" = 500'	

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



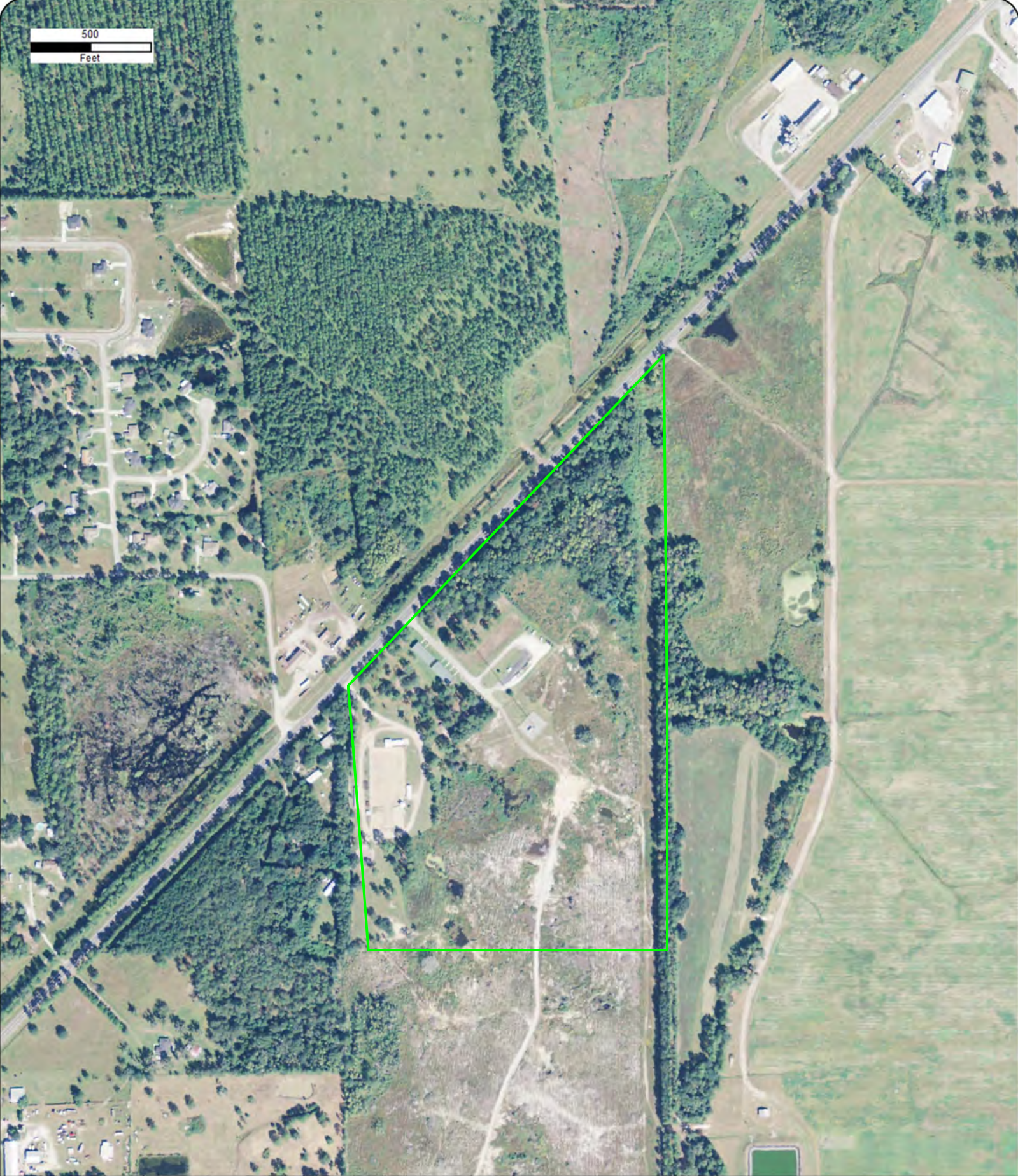
Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



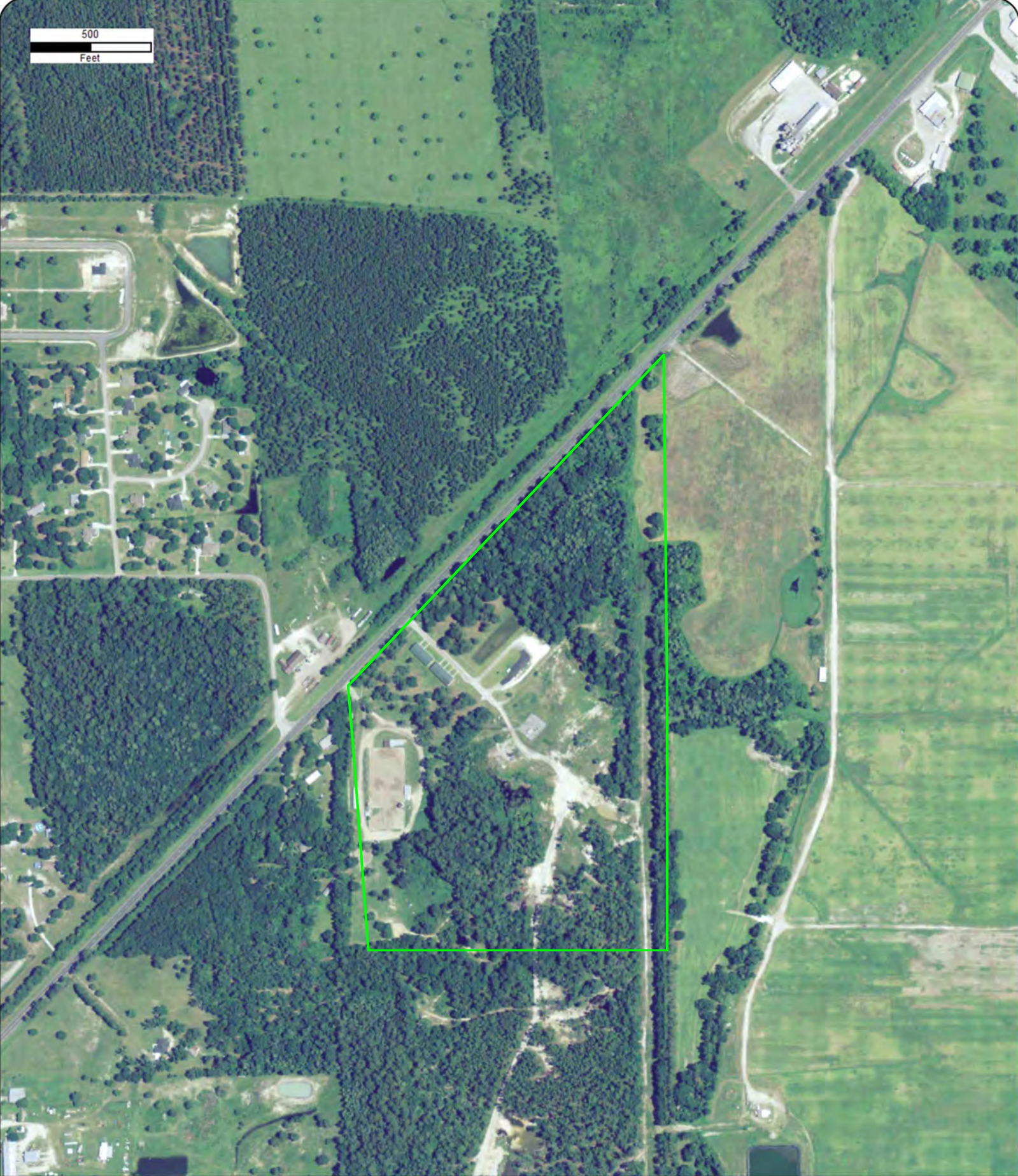
Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



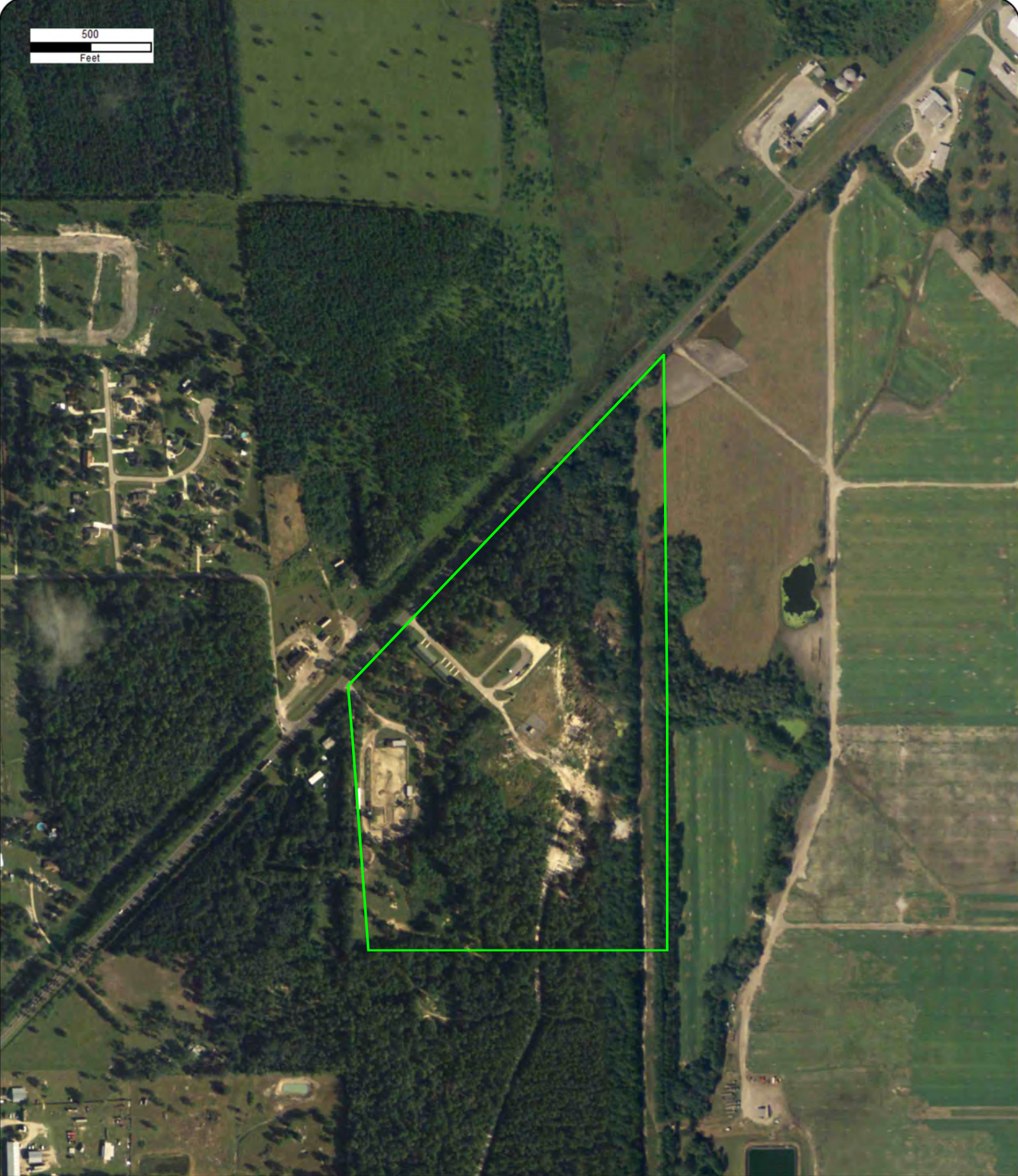
Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



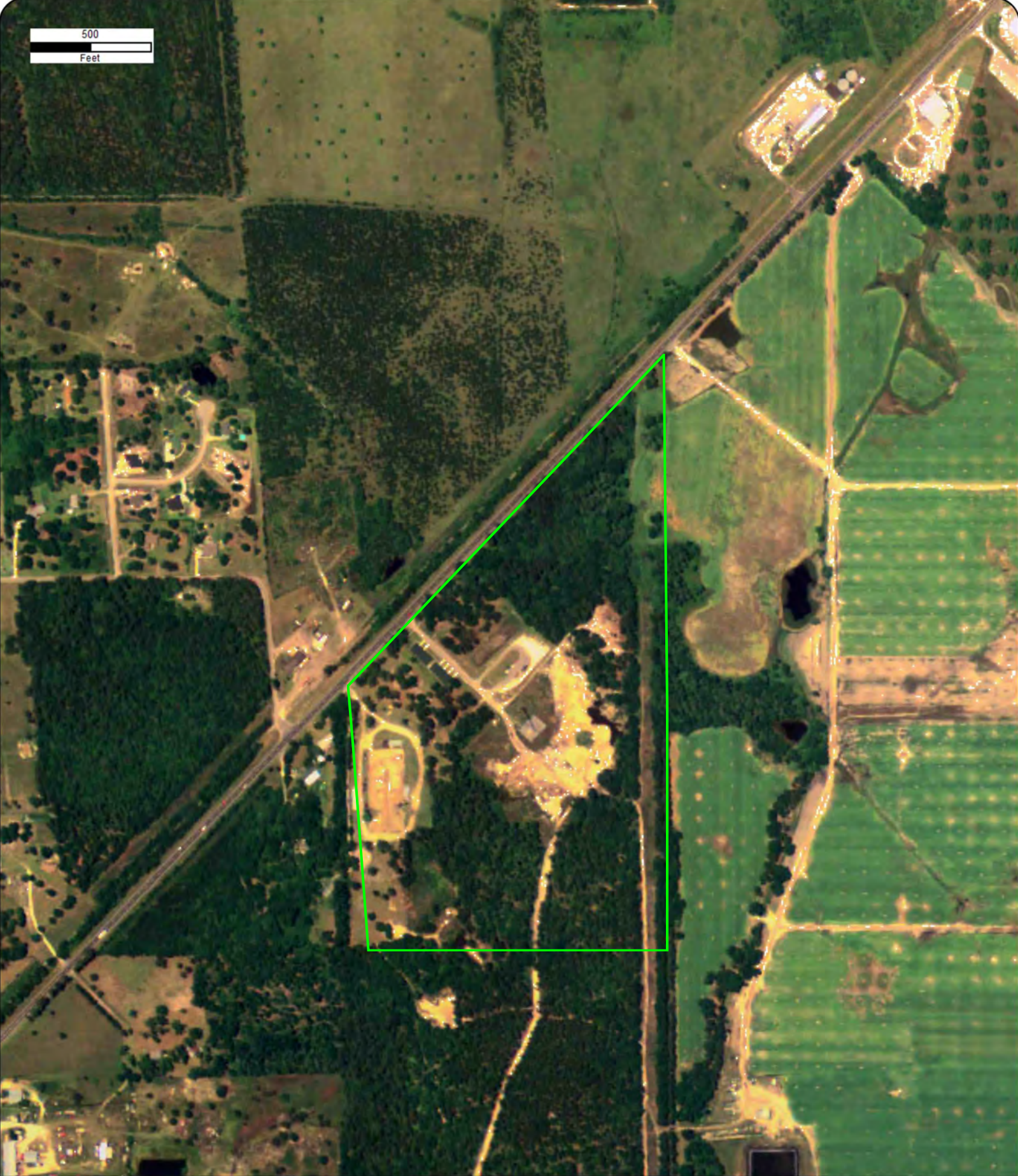
Year: 2007
Source: USDA
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



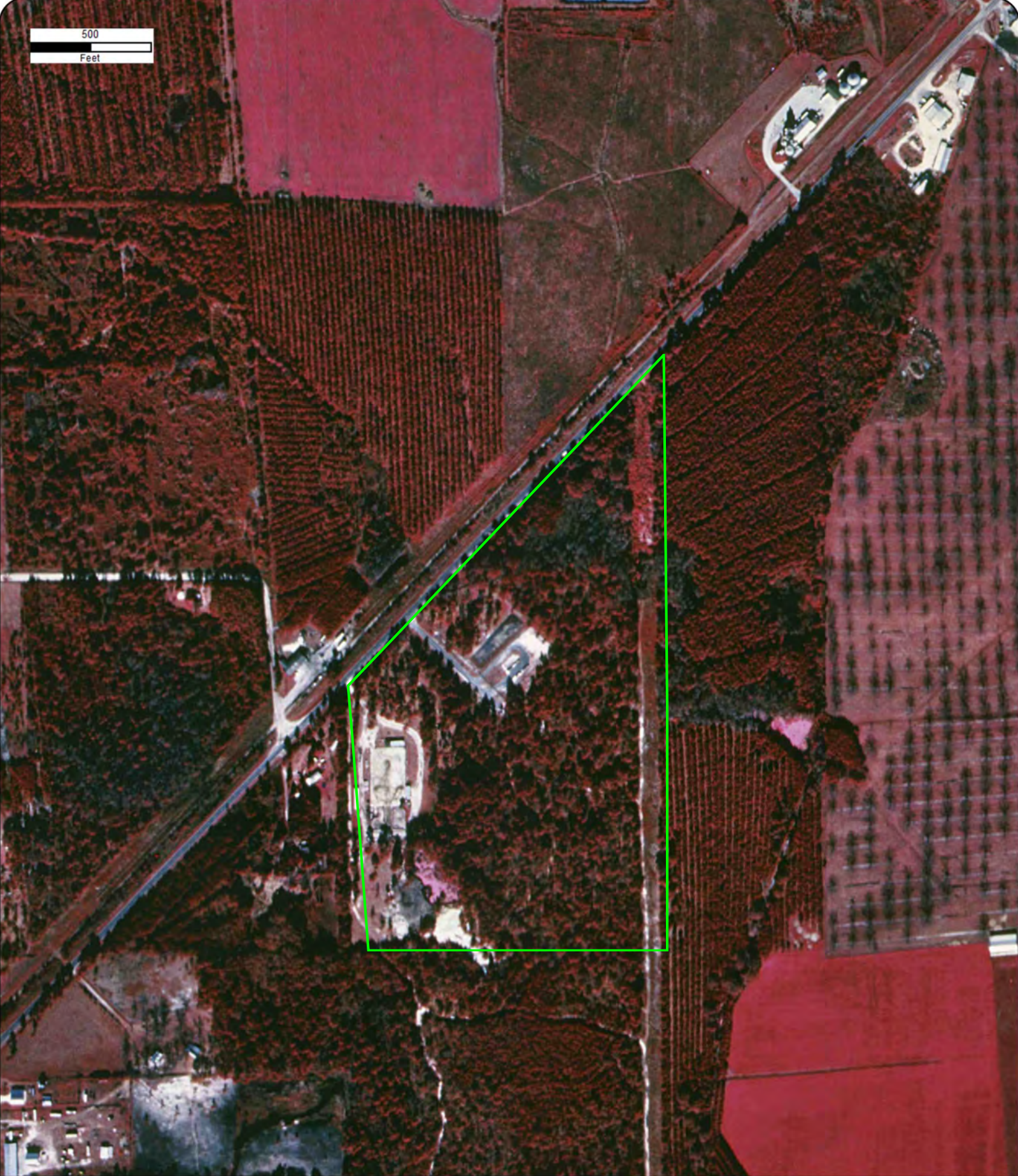
Year: 1999
Source: USGS
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



Year: 1995
Source: USGS
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



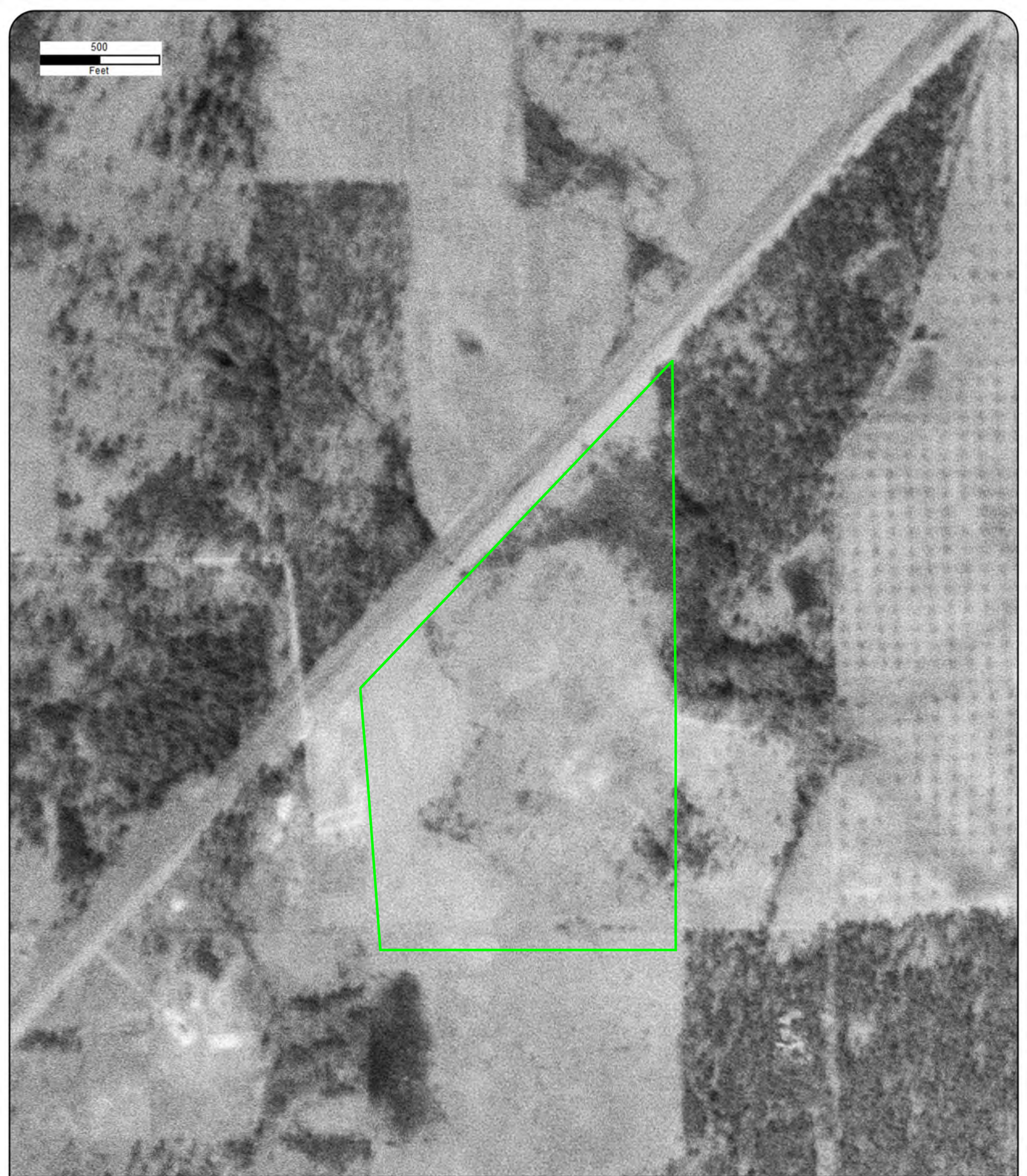
Year: 1965
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



Year: 1951
Source: AMS
Scale: 1" = 500'
Comment:

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097



500
Feet



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

Address: 9184 Southwest 92nd Place, Lake Butler, FL
Approx Center: -82.36133109,30.00750543

Order No: 23100900097





CITY
DIRECTORY

Project Property: *County Airport Parcel
9184 Southwest 92nd Place
Lake Butler, FL 32054*

Project No: *20165101 - Task 13*

Requested By: *PPM Consultants, Inc.*

Order No: *23100900097*

Date Completed: *October 12, 2023*

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October 12, 2023
RE: CITY DIRECTORY RESEARCH
9184 Southwest 92nd Place
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:

8800-9600 of SR 121
ALL of SW 92nd Pl

Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2002	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1998	DIGITAL BUSINESS DIRECTORY	

8806 FARMERSBULK...ADVERTISING-COMPUTER
8806 SEWELL ADAMS TRUCKING...TRUCKING
8806 U HAUL NEIGHBORHOOD DEALER...TRUCK RENTING & LEASING
8861 WILLIAM FLOYD...RESIDENTIAL
8949 JEFF GAINEY...RESIDENTIAL
9116 ROSEMARY MARTIN...RESIDENTIAL
9561 HILLANDALE QUALITY FEEDS...FERTILIZER MIXING ONLY (MFRS)
9561 HILLANDALE QUALITY FEEDS...FEED-MANUFACTURERS

NO LISTING FOUND

8806 DOUGLASS EQUIPMENT & TRUCK SLS...GENERAL MERCHANDISE-RETAIL
8806 FARMERSBULK...ADVERTISING-COMPUTER
8806 SEWELL ADAMS TRUCKING...TRUCKING
8806 U-HAUL NEIGHBORHOOD DEALER...TRUCK RENTING & LEASING
8861 COURTNEY FLOYD...RESIDENTIAL
8949 JEFF GAINEY...RESIDENTIAL
9116 ROSEMARY MARTIN...RESIDENTIAL
9561 HILLANDALE QUALITY FEEDS...FEED-MANUFACTURERS
9561 HILLANDALE QUALITY FEEDS...FERTILIZER MIXING ONLY (MFRS)

NO LISTING FOUND

8806 DOUGLASS EQUIPMENT & TRUCK SLS...GENERAL MERCHANDISE-RETAIL
8861 HOWARDS AUTO PARTS...HYDRAULIC EQUIPMENT & SUPPLIES (WHLS)
8949 JEFF GAINEY...RESIDENTIAL
8949 MARCHELLE GAINEY...RESIDENTIAL
9116 ROSEMARY MARTIN...RESIDENTIAL
9561 HILLANDALE QUALITY FEEDS...FEED-MANUFACTURERS

NO LISTING FOUND

8805 **PATTY BLAYLOCK**...RESIDENTIAL
8806 **DOUGLASS EQUIPMENT**...USED TRUCK DEALERS
8861 **COURTNEY FLOYD**...RESIDENTIAL
8861 **HOWARD AUTO PARTS**...OPERATES GENERAL CROP FARM & WHOLESALERS AND
RETAIL
8861 **HOWARDS AUTO PARTS**...WHL INDUS SUPPLIES
8861 **HOWARDS AUTO PARTS**...INDUSTRIAL MACHINERY MERCHANT WHOLS
8861 **HOWARDS AUTO PARTS**...AUTOMOBILE PARTS & SUPPLIES-RETAIL-NEW
8861 **JR FLOYD**...RESIDENTIAL
8861 **SANDRA FLOYD**...RESIDENTIAL
8861 **WILLIAM FLOYD**...RESIDENTIAL
8949 **JEFF GAINNEY**...RESIDENTIAL
8949 **MARCHELLE GAINNEY**...RESIDENTIAL
9116 **ROSEMARY MARTIN**...RESIDENTIAL

NO LISTING FOUND

8806 DOUGLASS EQUIPMENT...USED TRUCK DEALERS
9422 HENDRICKS TURF...LAWN SERVICES
9422 TURF CARE INC...LAWN SERVICES

NO LISTING FOUND

0 DOUGLASS EQUIPMENT

NO LISTING FOUND

0 DOUGLASS EQUIPMENT

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND



—
FIRE
INSURANCE
MAPS

Project Property: County Airport Parcel
9184 Southwest 92nd Place
Lake Butler FL 32054

Project No: 20165101 - Task 13

Requested By: PPM Consultants, Inc.

Order No: 23100900097

Date Completed: October 09, 2023

Please note that no information was found for your site or adjacent properties.



TOPOGRAPHIC MAPS

Project Property: County Airport Parcel
9184 Southwest 92nd Place
Lake Butler FL 32054

Project No: 20165101 - Task 13

Requested By: PPM Consultants, Inc.

Order No: 23100900097

Date Completed: October 09, 2023

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.

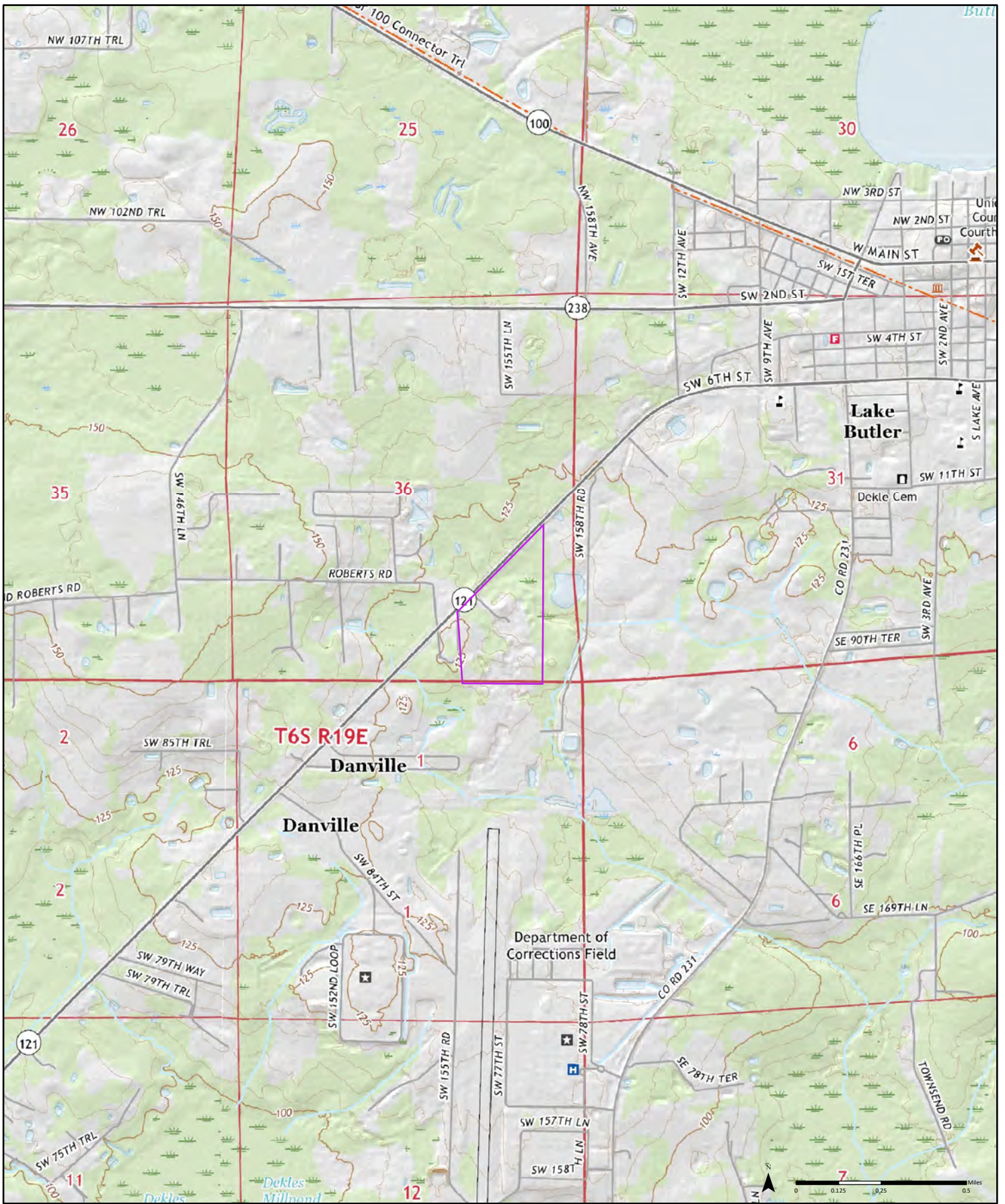
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS.

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

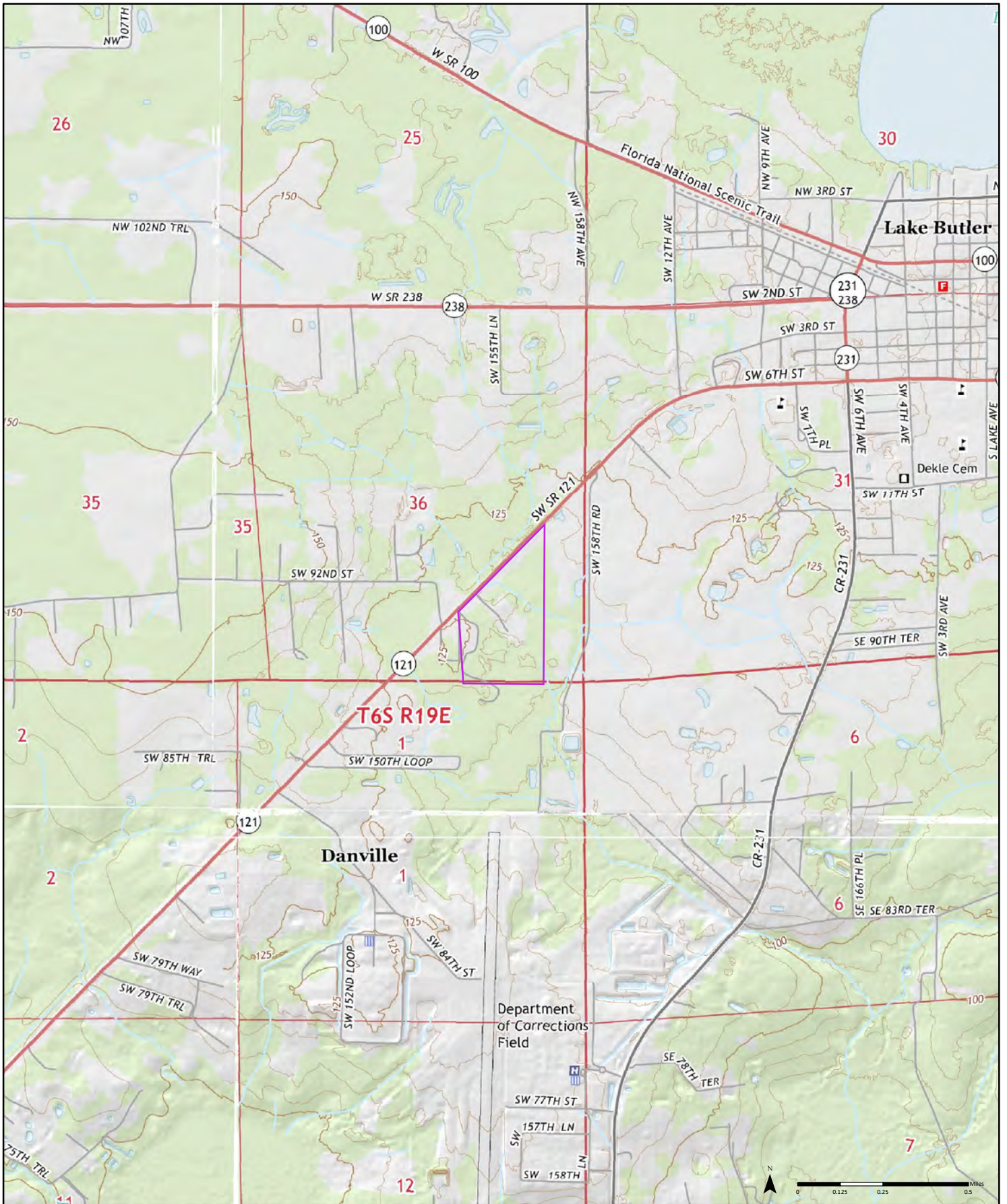
Order No. 23100900097

Lulu	Lake Butler
Worthington Springs	Brooker

Available Quadrangle(s): Lake Butler, FL
 Worthington Springs, FL
 Brooker, FL
 Lulu, FL

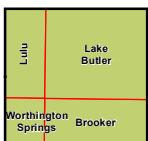
Source: USGS 7.5 Minute Topographic Map





2015

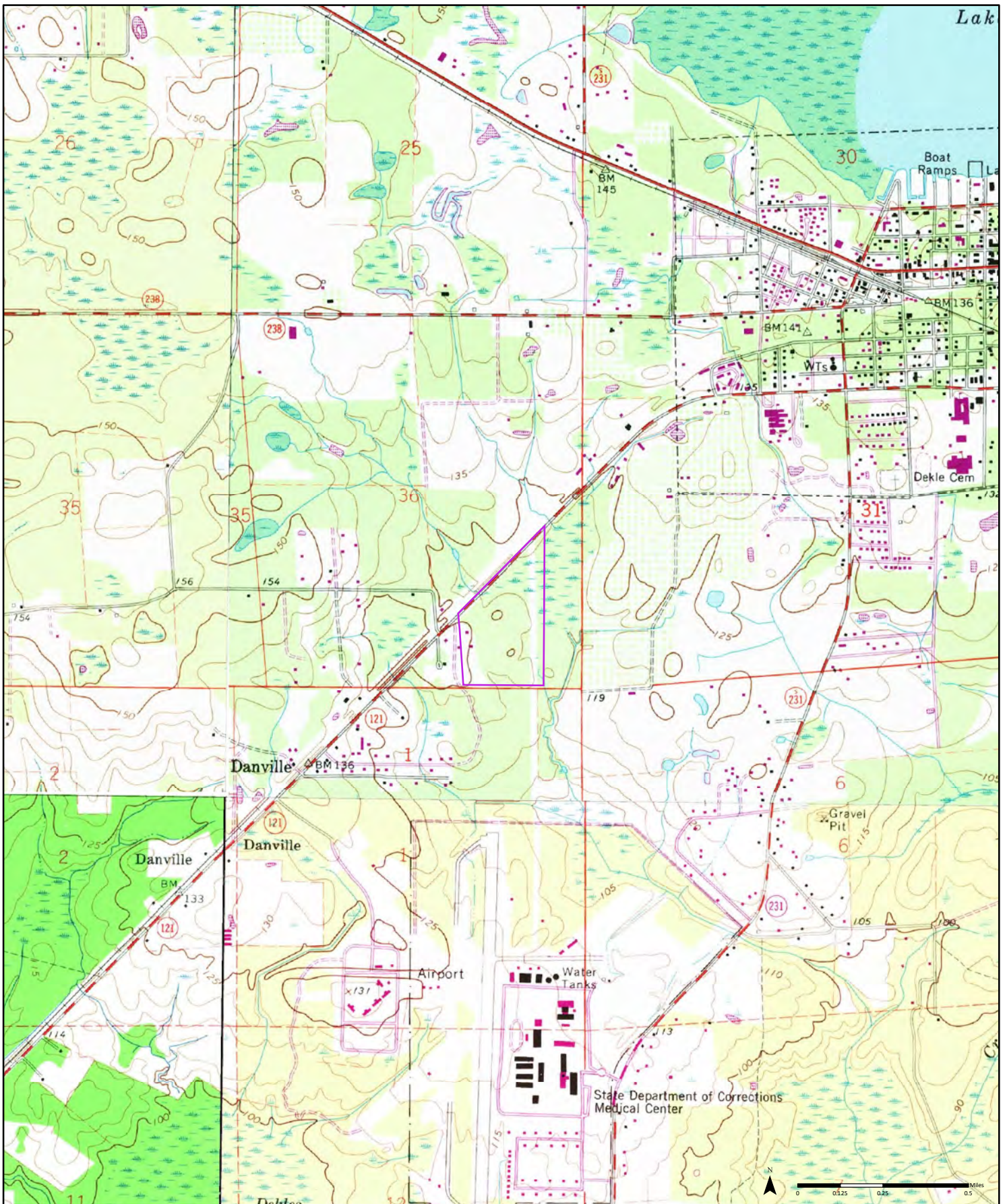
Order No. 2310090097



Available Quadrangle(s): Lake Butler, FL
 Worthington Springs, FL
 Lulu, FL
 Brooker, FL

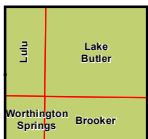
Source: USGS 7.5 Minute Topographic Map





1993 (2-1966) Aerial Photo Year: 1964 (2-1993) Aerial Photo Year: 1990 (3-1993) Aerial Photo Year: 1990 (4-1993) Aerial Photo Year: 1990
 Photo Revision Year: 1993

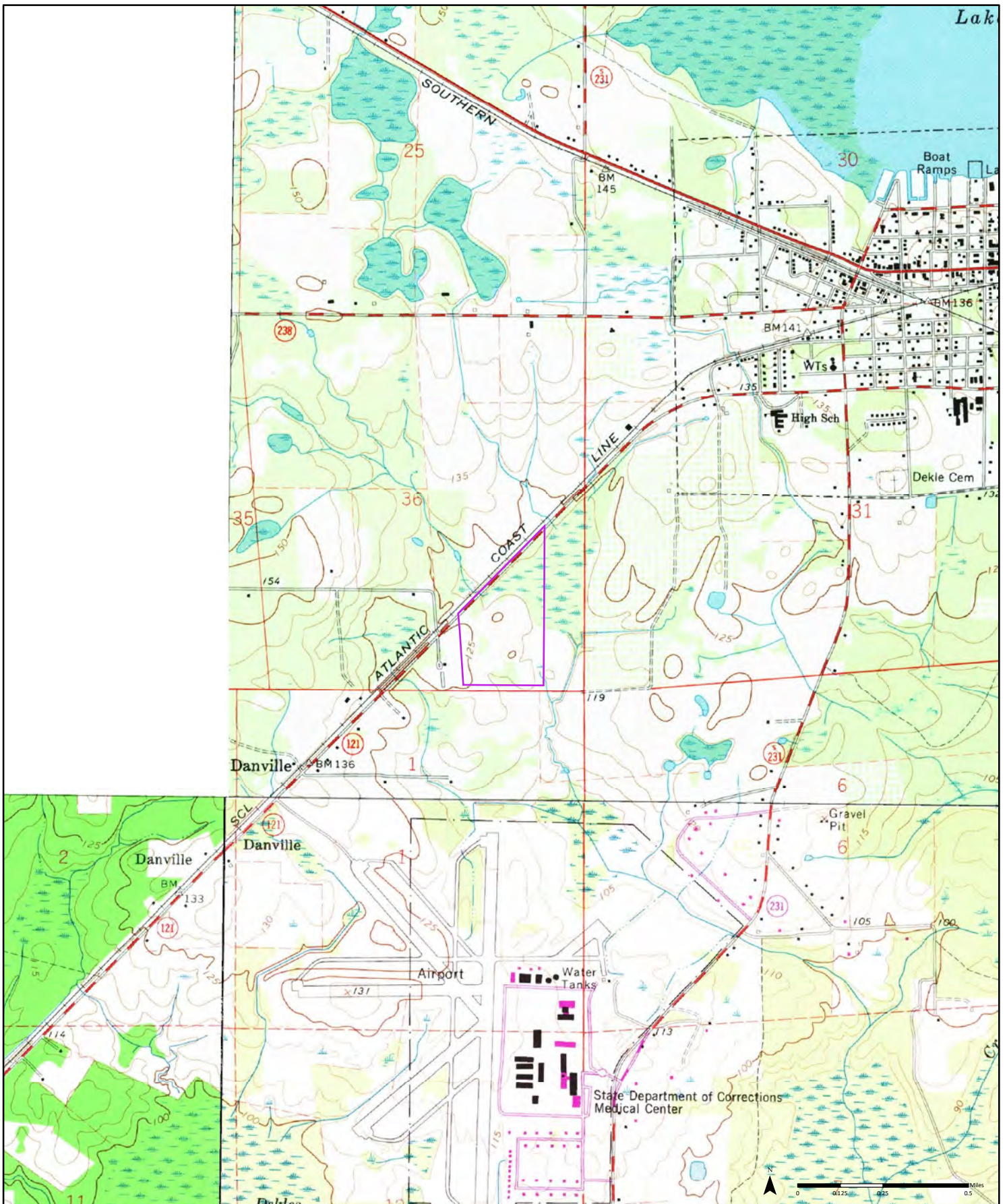
Order No. 2310090097



Available Quadrangle(s): Lake Butler, FL(4-1993)
 Worthington Springs, FL(1-1966)
 Brooker, FL(2-1993)
 Lulu, FL(3-1993)



Source: USGS 7.5 Minute Topographic Map



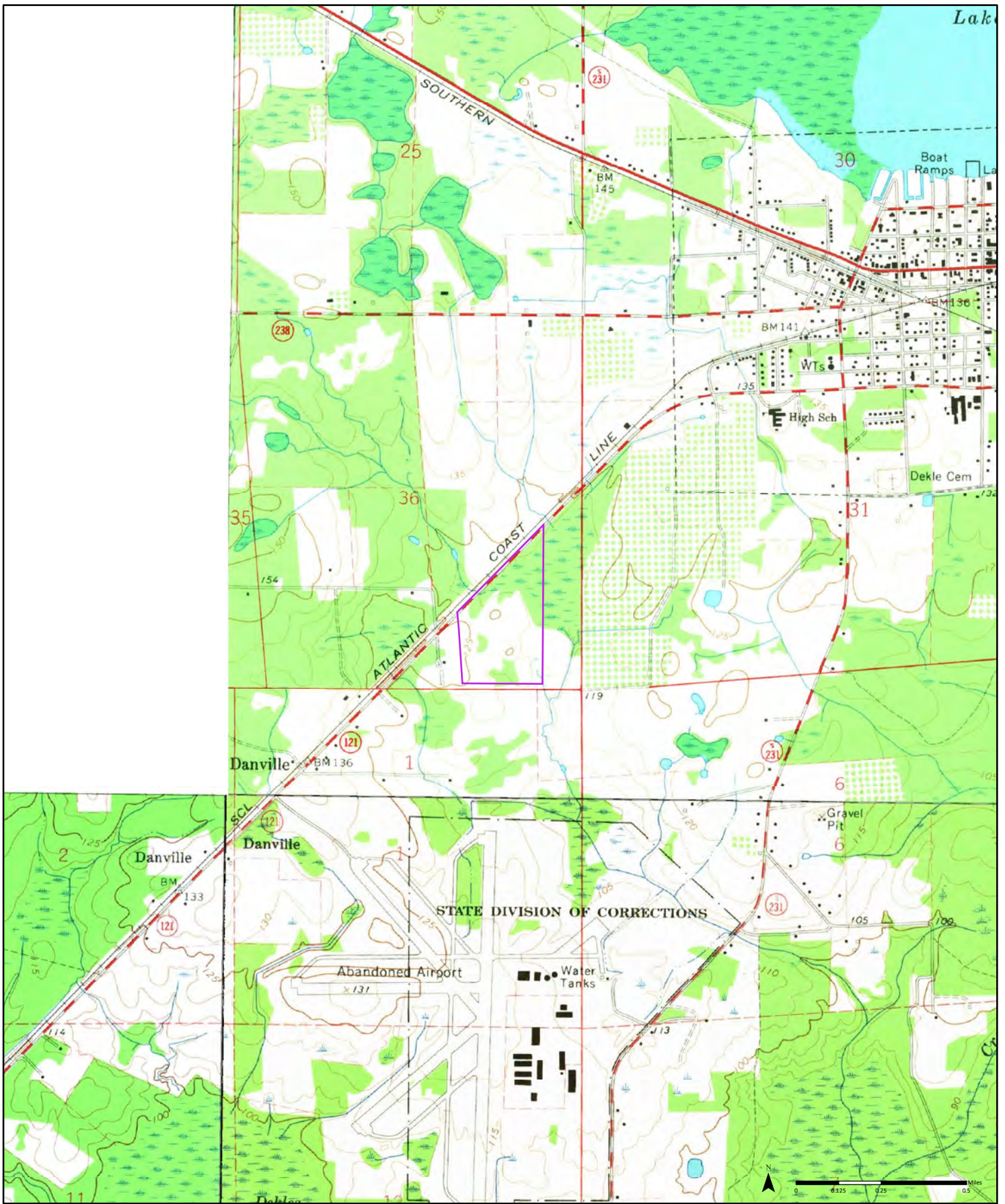
1984 (2-1966) Aerial Photo Year: 1964 (2-1984) Aerial Photo Year: 1977 (3-1984) Aerial Photo Year: 1964
 Photo Revision Year: 1981 Order No. 2310090097

Lulu	Lake Butler
Worthington Springs	Brooker

Available Quadrangle(s): Lake Butler, FL(3-1984)
 Worthington Springs, FL(1-1966)
 Brooker, FL(2-1984)



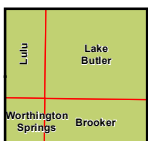
Source: USGS 7.5 Minute Topographic Map



1966

(2-1966) Aerial Photo Year: 1964 (2-1966) Aerial Photo Year: 1964 (3-1966) Aerial Photo Year: 1964

Order No. 2310090097



Available Quadrangle(s): Lake Butler, FL(3-1966)
 Worthington Springs, FL(1-1966)
 Brooker, FL(2-1966)

APPENDIX F – OTHER DOCUMENTATION



Florida Department of Environmental Protection
 Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400
 Division of Waste Management
 Petroleum Storage Systems
 Storage Tank Facility Routine Compliance Site Inspection Report

Facility Information:

Facility ID:	8945538	County:	UNION	Inspection Date:	02/22/2021
Facility Type:	C - Fuel user/Non-retail			# of inspected ASTs:	2
Facility Name:	DEAN WARD ENTERPRISES			USTs:	0
	15353 SW 92 ST			Mineral Acid Tanks:	0
	LAKE BUTLER, FL 32054-9323				
Latitude:	30° 0' 30.4379"				
Longitude:	82° 21' 50.837"				
LL Method:	DPHO				

Inspection Result:

Result: In Compliance

Signatures:

TKALEP - ALACHUA COUNTY ENVIRONMENTAL PROTECTION DEPARTMENT (352) 264-6843

Storage Tank Program Office and Phone Number

Robert A Zimmerman

Eddie Croft

Inspector Name

Representative Name

No Signature

Inspector Signature

Representative Signature

**Principal Inspector
 ALACHUA COUNTY ENVIRONMENTAL
 PROTECTION DEPARTMENT**

**Shop foreman
 DEAN WARD ENTERPRISES**

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit: <https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training>

Financial Responsibility:

Financial Responsibility: INSURANCE

Insurance Carrier: COMMERCE & INDUSTRY INSURANCE CO

Effective Date: 04/13/2020 Expiration Date: 03/13/2021

Reviewed Records

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Two Years	Certificate of Financial Responsibility	04/13/2019	04/13/2020	
Two Years	Certificate of Financial Responsibility	04/13/2020	02/22/2021	
Two Years	Monthly Maint. Visual Examinations and Results	12/20/2018	12/20/2019	
Two Years	Monthly Maint. Visual Examinations and Results	12/20/2019	12/18/2020	

Site Visit Comments

02/22/2021

AST compliance inspection:

Tank 1. 10000-gallon steel single wall above-ground storage tank – Diesel.

Tank 2. 5000-gallon steel single wall above-ground storage tank – Unleaded.

Tanks are equipped with Krueger line of sight fuel gauges, direct fill with tight-fill fittings, suction pump dispensers, single wall above ground steel piping, all installed within a sealant coated concrete dike secondary containment with drain valve. (closed at time of inspection).

The AST systems and secondary containment appear to be in good condition.

Three year records file review:

Registration Placard, Proof of Financial Responsibility, STFM and monthly visual inspections.

This facility is in compliance.

Inspection Comments

03/02/2021

Sent TCI report and associated compliance letter email attachments to facility representative; "Chad Ward" chadwardtimber@gmail.com

Inspection Photos

Added Date 03/02/2021

Facility site.



Added Date 03/02/2021

AST site.



Added Date 03/02/2021

Tank 1.



Added Date 03/02/2021

Tank 1.



Added Date 03/02/2021

Tank 1.



Added Date 03/02/2021

Product dispenser station.



Added Date 03/02/2021

Tank 1.



Added Date 03/02/2021

Tank 2.



Added Date 03/02/2021

Tank 2.



Added Date 03/02/2021

Containment drain valve.



File 1/23



Department of Environmental Protection

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Colleen M. Castille
Secretary

23
January 30, 2006

Mr. Steve Hendricks
Hendricks Turf, Inc.
9422 South West State Road 121
Lake Butler, Florida 32054

Re: Hendricks Turf, Inc.
DEP/EPA ID FLR 000 123 851
Union County - Hazardous Waste


Dear Mr. Hendricks:

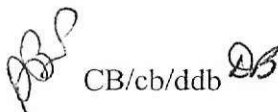
Thank you for your assistance during the hazardous waste RCRA compliance inspection conducted by the Department at your facility on November 17, 2005. Enclosed are the report and inspection checklists, which document this visit.

Based upon information gathered from this inspection, Hendricks Turf, Inc. was found to be in violation of Florida Rules and Statutes governing hazardous waste management. The violation is set forth in the "Summary of Violations and Corrective Actions" section of the inspection report. Subsequent to the inspection the facility corrected the violation. Since your facility has returned to compliance, no enforcement action will be taken.

Your continued cooperation is appreciated. If you have any questions regarding this report or hazardous waste regulations in general, please write to the letterhead address or call me at 904.807.3370.

Sincerely,


Christopher Bodin, Engineer
Hazardous Waste Section


CB/cb/ddb

Enclosure

cc: Mr. Bryan Hendricks

"More Protection, Less Process"

Printed on recycled paper.

DOCKET# C.06.1



Department of Environmental Protection

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Colleen M. Castille
Secretary

HAZARDOUS WASTE INSPECTION REPORT

1. **INSPECTION TYPE:** Routine Complaint Follow-Up Permitting Pre-arranged

FACILITY NAME: Hendricks Turf, Inc. **DEP/EPA ID #:** FLR 000 123 851

STREET ADDRESS: 9422 SW SR 121, Lake Butler, Florida

MAILING ADDRESS: 9422 SW SR 121, Lake Butler, Florida 32054

COUNTY: Duval **PHONE:** (386)496-2174 **DATE:** 11/17/05 **TIME:** 11:00 AM

HW facility status

- non-handler
- CESQG
- SQG
- LQG
- transporter
- transfer facility
- TSD
- SQH
- LQH

used oil facility status

- generator
- transporter
- transfer facility
- marketer
- processor
- on-spec. burner
- off-spec. burner
- filter generator
- filter transporter
- filter transfer facility
- filter processor

Hg facility status

- exempt
- generator
- transporter
- Hg recovery facility
- Hg reclamation facility

PCW facility status

- producer
- transporter
- recovery facility

2. APPLICABLE REGULATIONS:

- | | | | |
|---------------------------------------|--|--------------------------------------|--|
| <input type="checkbox"/> 40 CFR 261.5 | <input type="checkbox"/> 40 CFR 262 | <input type="checkbox"/> 40 CFR 263 | <input checked="" type="checkbox"/> 40 CFR 264 |
| <input type="checkbox"/> 40 CFR 265 | <input type="checkbox"/> 40 CFR 266 | <input type="checkbox"/> 40 CFR 268 | <input type="checkbox"/> 40 CFR 270 |
| <input type="checkbox"/> 40 CFR 273 | <input checked="" type="checkbox"/> 40 CFR 279 | <input type="checkbox"/> 62-737, FAC | <input type="checkbox"/> 62-740, FAC |

3. **RESPONSIBLE OFFICIAL:** Steve Hendricks, owner

4. **INSPECTION PARTICIPANTS:** Danny Crawford, HTI
Christopher Bodin, FDEP
Ashwin Patel, FDEP

5. **LATITUDE/LONGITUDE:** 30°19'09"/81°32'12"

6. **TYPE OF OWNERSHIP:** private federal state county municipal

7. **PERMIT No.:** N/A

"More Protection, Less Process"

Printed on recycled paper.

PROCESS DESCRIPTION:

Hendricks Turf, Inc. is an agricultural sod farm facility, generating used oil, used oil filters and used batteries from farm equipment maintenance operations. The facility is a non-handler of hazardous waste. The facility had recently relocated operations from another farm site and moved several empty used oil 55-gallon containers and one 300-gallon aboveground used oil storage tank (AGT) to this site. According to Mr. Donny Crawford, the site manager, some of the drums had been left open allowing rainwater to accumulate in the drums and some of this oily wastewater was spilt on the ground. (Photo 1) At the time of the inspection petroleum stained soil was observed around an area where used oil storage containers had been being stored. **Failure to immediately contain and clean up a release of used oil is a violation of 40 CFR 279.22(d).** Also at the time of the inspection it was observed that used oil was being collected in a 5-gallon unlabeled and open container. (Photo 2) **Failure to labeled storage containers for used oil with the words "Used Oil" is in violation of 40 CFR 279.22.**

The facility accumulates used oil in a 300-gallon AGT and used oil filters in a 55-gallon drum. These are located on a concrete floor and under a roofed shed. Tanks or containers not stored inside a structure, must be closed, covered or otherwise protected from the weather and stored on an oil impermeable surface. Tanks or containers used to store used oil with a total capacity equal to or more than 55-gallons must be double-walled or they must be stored within secondary containment, which has the capacity to hold 110% of the volume of the largest tank or container within the containment area. [Rule 62-710.401(6), Florida Administrative Code (FAC - Used Oil Secondary Containment)] The used oil and filters are disposed of through Texpar Energy.

Areas of Concern:

According to Mr. Crawford, the facility had moved the empty drums and some containing oily wastewater from the facility site to the company owner's father's (Mr. Bryan Hendricks) nearby residence for storage prior to disposal. (Photo 3) Up to 55-gallons at a time and 500-gallons per year of used oil generated at the facility's noncontiguous operation sites should only be relocated to the facility's own central location site for storage. Additionally the facility should comply with all applicable sections of **Rule 62-710.600, FAC, Certification Program for Used Oil Transporters** prior to transporting used oil over public highways.

At the time of the inspection several lead acid batteries were observed being stored under a roofed shed on the concrete floor. (Photo 4) According to Mr. Bryan Hendricks the batteries were from his farm operations and not Hendricks Turf. The Department recommends that facility personnel store all spent lead acid batteries in a sheltered area and on an acid impermeable floor to prevent an accidental release of lead contaminated battery acid to the environment. Any lead acid battery with cracked or broken casings should be placed in a suitable container that will prevent the release of lead contaminated battery acid. Spent lead acid batteries should be managed per 40 CFR 266.80, or as universal waste managed per 40 CFR 261.9 and 40 CFR 273.



Photo 1



Photo 2



Photo 3



Photo 4

USED OIL GENERATOR CHECKLIST

Facility Name: Hendricks Turf, Inc. Date: Nov 17th 2005
 Facility Representative: Donny Crawford Facility ID #: FLR 000 63 851
 SIC Codes: _____ Inspector: C. Bedn

40 CFR 279 Subpart C -- Generator Standards

1. Describe the facility's used oil streams:

WASTE DESCRIPTION	ON/Off Specification	Testing or Process Knowledge	Generation Rate	Disposal Facility and EPA ID
<u>Used oil</u>	<u>OP</u>	<u>P</u>	<u>30 g/mo</u>	<u>Texpan Energy</u>
<u>1/0 filters</u>	<u>on</u>	<u>P</u>	<u>5 gal/yr</u>	<u>Texpan Energy</u> <u>(GA0 035 590514)</u>

2. Does the generator mix hazardous waste with the used oil?(279.10) Y _____ N ✓

3. If so, is the facility a CESQG? Y _____ N ✓

4. If not, Is the oil mixed with a characteristic hazardous waste? (describe waste) Y _____ N ✓

If so, does the facility document that the resultant mixture does not exhibit any characteristic of hazardous waste? Y _____ N _____

Or, if the hazardous waste is only D001, that the resultant mixture is not ignitable? Y _____ N _____

If the facility is not a CESQG, and oil is mixed with a listed hazardous waste, it must be managed as a hazardous waste.

5. Does the facility generate other materials contaminated with used oil? Y ✓ N _____

If so, are the materials burned for energy recovery as used oil? Y _____ N ✓

or, Does the facility have records documenting the residuals are not hazardous waste? Y _____ N ✓

6. Does the generator claim that the used oil meets the specification in 279.11? Y _____ N ✓

If so, and the oil is to be burned for energy recovery, the generator is a marketer subject to 40 CFR 279 Subpart H

Subpart C

1. Does the facility store used oil only in tanks, containers or permitted hazardous waste storage units? Y N
Are containers/tanks in good condition? (279.22(b)(1)) Y N
Are containers/tanks leaking? (279.22(b)(2)) Y N *see report*
Are containers/tanks storing used oil marked with the words "Used Oil", - Including fill pipes used to fill underground tanks? (279.22(c)) Y N *see report*
2. Are used oil filters stored in above ground containers which are: (62-710.850(6))
In good condition? Y N
Closed or otherwise protected from weather? Y N
Labeled "Used Oil Filters"? Y N
Stored on an oil impervious surface? Y N
3. Have any releases to the environment occurred, other than a leak from a UST? Y N *see report*
If so, did the facility stop the release, contain the oil, clean up the release and manage the contaminated material properly and repair or replace the leaking units prior to returning them to service? (279.22(d)) Y N
4. Does the generator burn on site in a space heater? (279.23) Y N
If so, does he burn only DIY oil or oil generated on site? Y N/A
Does the heater have a capacity of no more than 0.5 million BTU/hr? Y N
Are combustion gasses vented to the atmosphere? Y N
5. Does the generator only use transporters who have received EPA Identification numbers?
Name and number Texaco Energy GAD 035 59 0514
6. If not, does the generator self-transport only used oil generated on site or DIY oil to used oil collection centers or aggregation point owned by the generator? Y N/A
Name and location of center: _____
Location of generator aggregation point _____
If so, is this only in vehicles owned by the facility or facility employees? Y N
Is no more than 55 gallons transported at one time? Y N
7. Alternatively, does the generator have a tolling arrangement with a used oil reclaimer?
Is a copy of the contract kept on site specifying type and frequency of shipments? Y N
that the transport vehicle is owned by the processor? Y N
that the reclaimed oil will be returned to the generator? Y N

Union County Property Appraiser

Bruce D. Dukes

2023 Preliminary Certified Values

updated: 9/21/2023

Parcel: << **36-05-19-00-000-0170-0 (1215) 03** >>

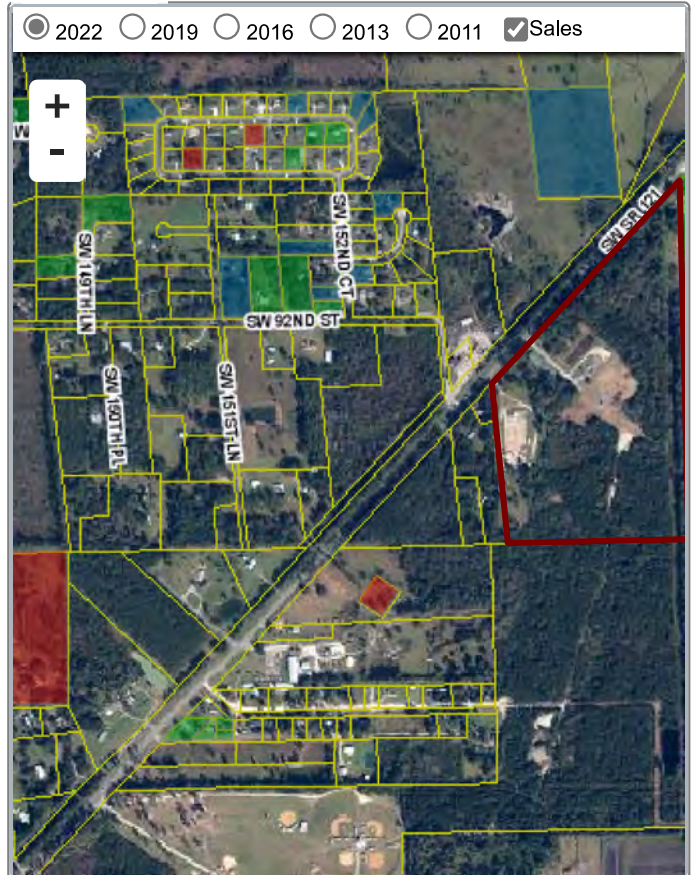
Aerial Viewer Google Maps

Owner & Property Info

Owner	UNION COUNTY AIRPORT ROOM 103, COURTHOUSE LAKE BUTLER, FL 32054		
Site	SW SR 121, LAKE BUTLER		
Description*	W1/2 OF E1/2 OF E1/2 S OF ST RD & W1/2 OF SE1/4 S OF ST RD		
Land Area	60 AC (Please see Acreage Note in the Land Breakdown section below)	S/T/R	36/05/19
Use Code**	COUNTY (8600)	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	\$300,000	Total Appraised	\$300,000
Ag Land	\$0	SOH Cap [?]	\$0
Building	\$0	Assessed	\$300,000
XFOB	\$0	Exempt	03 \$300,000
Just	\$300,000		
Class	\$0	Total Taxable	county:\$0 other:\$0 school:\$0

Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Qualification (Codes)	RCode
NONE						

Building Characteristics

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

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims
NONE					

Land Breakdown

Code	Desc	* Units	Adjustments	Eff Rate	Land Value
8600	COUNTY (MKT)	60.000 AC	1.0000/1.0000 1.0000/ /	\$5,000 /AC	\$300,000

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.

APPENDIX G – QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

ROBERT L. NEWBOLD III
PROJECT GEOLOGIST

Mr. Newbold has 18 years of experience as an environmental consultant, and serves as a Project Geologist with PPM. Mr. Newbold declares that to the best of his professional knowledge and belief, he meets the definition of *Environmental Professional* as defined in §3.12.10 of 40 CFR 312, to wit: Mr. Newbold earned a Bachelor of Science in Geology from the University of Alabama in 2001.

Since January 2002, Mr. Newbold has performed and managed over 600 Phase I and Phase II Environmental Site Assessments (ESA) in eight southeastern states that were conducted at a variety of facilities including: gasoline stations, auto shops, auto dealerships, printers, dry cleaners, bulk terminals, tannery facilities, light and heavy manufacturing factories, office/warehouses, high-rise office buildings, hotels, hospitals and medical offices, former military airfields, military bases, private airports, private and public schools, apartment complexes, city-owned housing projects, strip shopping centers and malls, agricultural land, large and small tract timberlands, and EPA-funded brownfields sites. Mr. Newbold has acted as an *Environmental Professional* in the performance of Phase I and II ESAs in 8 states with emphasis on EPA Region 4. Mr. Newbold has worked for and/or to satisfy the requirements of users, stakeholders, and regulators including owners, purchasers, banks, lawyers, brokers, other consultants, cities, counties, councils of government, state and local regulatory agencies, HUD, DOE, DOD, SBA, FEMA and the EPA.

Mr. Newbold has been using the ASTM E 1527 Standard Practice for Phase I ESAs and the All Appropriate Inquiry (AAI) Rule since these standards were first published in 1993 and 2005.

Mr. Newbold is also proficient with non-ASTM scope items including asbestos-containing building materials, radon, lead-based paint, mold, wetlands, historical resources, and the National Environmental Policy Act (NEPA) of 1969. Mr. Newbold also has remediation experience including the use of technologies such as dual-phase vacuum extraction, soil vapor extraction, enhanced bioremediation, excavation, and natural attenuation.

GREGORY P. STOVER, P.G.
SENIOR TECHNICAL CONSULTANT

Mr. Stover has 37 years of experience as a geologist, and serves as a Senior Technical Consultant with PPM. Mr. Stover declares that to the best of his professional knowledge and belief, he meets the definition of *Environmental Professional* as defined in §3.12.10 of 40 CFR 312, to wit: Mr. Stover earned a Bachelor of Science in Geology from Auburn University in 1979; has held a current Professional Geologist's license from a state since 1989 (Florida, Arkansas, Louisiana, Alabama, and Mississippi); and has 30 years of full-time relevant experience.

Since January 1988, Mr. Stover has performed, managed, supervised, and provided QA/QC reviews for several thousand Phase I and Phase II Environmental Site Assessments (ESA) conducted at a variety of facilities including gasoline stations, auto shops, auto dealerships, soda bottling plants, printers, dry cleaners, indoor and outdoor shooting ranges, paper mills, cotton gins, bulk terminals, oil and gas production fields, wood treatment facilities, asphalt plants, quarries and mines, light and heavy manufacturing factories, railroad terminals, roundhouses, tracks, and spurs, office/warehouses, high-rise office buildings, hotels, hospitals and medical offices, Research & Development facilities, aerospace facilities, former military airfields, private airports, private and public schools, apartment complexes, city-owned housing projects, strip shopping centers and malls, agricultural land, large and small tract timberlands, and EPA-funded brownfields. Mr. Stover has acted as an *Environmental Professional* in the performance of Phase I and II ESAs in 25 states with emphasis on EPA Regions 4 and 6. Mr. Stover has worked for and/or to satisfy the requirements of users, stakeholders, and regulators including owners, purchasers, banks, lawyers, brokers, other consultants, cities, parishes/counties, councils of government, state and local regulatory agencies, HUD, DOE, DOD, SBA, FEMA and the EPA. Mr. Stover applies his expertise in hydrogeology, organic chemistry, and chemical fate and transport to his extensive list of projects involving the assessment and remediation of petroleum products and hazardous substances including gasoline, diesel, bunker oil, polynuclear aromatic compounds, coal tar, heavy metals, PCBs, herbicides, pesticides, and chlorinated solvents.

Mr. Stover has been responsible for developing standard field forms, report formats, and training to support the company-wide use of the ASTM E 1527 Standard Practice for Phase I ESAs and the All Appropriate Inquiry (AAI) Rule since these standards were first published in 1993 and 2005. Mr. Stover is a member of ASTM Committee E50.

Mr. Stover is also proficient with non-ASTM scope items including asbestos-containing building materials, radon, lead-based paint, mold, wetlands, historical resources, and the National Environmental Policy Act (NEPA) of 1969. Mr. Stover also has extensive remediation experience including the use of technologies such as dual-phase vacuum extraction, air sparging, soil vapor extraction, ozone sparging, enhanced bioremediation, excavation, solidification and stabilization, land farming, natural attenuation, and risk assessment.

Simplifying the Complex

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