PHASE I ENVIRONMENTAL SITE ASSESSMENT

SEVEN RUNS CREEK FINAL PHASE

WASHINGTON CROSSING, LLC

COUNTY LAND PARCELS: 00000000-00-6166-0000, 00000000-00-6168-0003, AND 00000000-00-6194-0001

SECTIONS 12 and 13; TOWNSHIP 1 SOUTH; RANGE 17 WEST

WASHINGTON COUNTY, FLORIDA

CONTRACT PL269.022

NORTHSTAR PROJECT NUMBER 40-21-401

Submitted to:
Mr. James Parker
Bureau of Land Acquisition
Department of Environmental Protection
3900 Commonwealth Boulevard, Mail Station 115
Tallahassee, Florida 32399
Phone: (850) 245-3045

Submitted by:
NorthStar Contracting Group, Inc.
508-A Capital Circle S.E.
Tallahassee, Florida 32301
Phone: (850) 531-9860
Fax: (850) 531-9866

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NorthStar Contracting Group, Inc. (NorthStar) certifies the authenticity of this report to the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida. NorthStar provides the following:

a) A task assignment (TA) was issued to NorthStar by the Florida Department of Environmental Protection (FDEP) Division of State Lands (DSL) on January 13, 2021;
b) NorthStar began preliminary work for the environmental site assessment on January 14, 2021, and the site visit was performed on the Subject Property on February 2, 2021;
c) The environmental assessment meets the requirements of the current American Society of Testing Materials (ASTM) E2247-16 standard and the federal Environmental Protection Agency's all Appropriate Inquiry Rule;
d) The accuracy, correctness, and completeness of the environmental assessment is provided with the knowledge of the ASTM; and
e) The FDEP and the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida are entitled to rely on the information set forth in this environmental assessment.

Prepared by:

Pamela JW Jackson, PG
Florida Professional Geologist No. 2801
Date: February 17, 2021

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SECTION 1.0 INTRODUCTION

The FDEP DSL tasked NorthStar Contracting Group, Inc. (NorthStar) with performance of a Phase I Environmental Site Assessment (ESA) on county land parcels 00000000-00-6186-0000, 00000000-00-6168-0003, and 00000000-00-6194-0001 (collectively known as Subject Property). The Subject Property is located in Washington County, Florida. The purpose of this assessment was to collect and analyze sufficient data to identify recognized environmental conditions and, if necessary, provide a basis for a Phase II investigation. The Subject Property is being considered for fee simple acquisition by FDEP DSL from Washington Crossing, LLC, as part of the Seven Runs Creek Final Phase project. This report presents data collected during the Phase I ESA. This report also presents, if warranted, any recommendations for additional ESA activity.

A Phase I ESA is an investigation into the history of activity and land uses of a Subject Property and surrounding area. A Phase I typically consists of:

(1) a review of historical sources for evidence of prior land uses that could result in soil and/or groundwater contamination,
(2) a review of regulatory agencies' enforcement and permitting records for indications of prior contamination at the Subject Property and/or surrounding properties,
(3) a 50-year chain of title/environmental lien search,
(4) a review of current and historical aerial photographs of the site and surrounding area, and
(5) a site investigation and, if available, field interviews with people possessing knowledge of the area and prior land usage.

A Contractor's Itemized Checklist and a copy of the executed task assignment, required per Contract PL 269, is included as **Appendix A**.

NorthStar has completed Phase I ESA item numbers 1, 2, 3, 4, and 5 per ASTM requirements. The conclusions regarding the environmental integrity of this site are based on the observations and information gathered during this study and in no way represent a warranty that environmental conditions beyond the scope of this Phase I ESA do not exist. NorthStar accepts no liability for subsurface anomalies, which can only be identified through Phase II assessment activities. Lead-based paint and asbestos surveys that would typically be conducted on Subject Property residences/structures were waived by FDEP. A microbial and radon survey were conducted on the single family residence and the mobile home present on the property.

SECTION 2.0 DEVIATIONS AND DATA GAPS FROM ASTM PRACTICE E2247-16

The services conducted for the Phase I ESA conformed to the scope of work/task assignment provided to NorthStar by FDEP. Historical aerial photographs prior to 1941 were not reasonably ascertainable. This data gap does not constitute a significant data failure, and therefore did not affect NorthStar's ability to identify recognized environmental conditions (REC).

Historic city directories were not available; as the Subject Property is located outside city limits and the area remains primarily undeveloped. This data gap does not constitute a significant data failure, and therefore did not affect NorthStar's ability to identify REC.

The only deviation from the ASTM Practice E2247-16 is that a "draft" and "final" version of the Phase I ESA report will be submitted. This deviation was requested by FDEP.

SECTION 3.0 PHYSICAL ENVIRONMENT AND ECOLOGY

3.1 Subject Property Location

The Subject Property is approximately 628 acres in total area consisting of three contiguous irregularly shaped parcels of land. Parcel 1 (county parcel 00000000-00-6194-0001) is bound to the south by Pine Log Creek and to the north by Parcel 3 (county parcel 00000000-00-6168-0003). Parcel 2 (County parcel 00000000-00-6186-0000) is a 40-acre parcel bounded by Parcel 3 to the north, west, and south. The Subject Property is located within Sections 12 and 13; Township 1 South; Range 17 West within Washington County, Florida, as located on the Bruce, Florida United States Geological Survey (USGS) 7.5 minute topographic map (**Figure 1**). The Subject Property is described in the legal description provided by the FDEP, which is included in **Appendix B.** Based on the online Washington County Property Appraiser records (https://www.qpublic.net/fl/washington/), the listed address for Parcel 1 is 5854 Tyler Ferry Road and Parcels 2 and 3 are listed as located on Strickland Road.

3.2 Area Geomorphology

Washington County's land surface is a product of prehistoric fluvial and marine deposition periods. The marine-related erosion and down-cutting by freshwater streams are superimposed on relict marine terraces. As a result, the land surface in the highland areas within the County are characterized by rolling hills. Dissolution of shallow carbonate rock units has resulted in the formation of sinkholes, caves, and underground drainage (Rupert, 2009).

Washington County contains three geomorphic districts, which are further subdivided into seven provinces. The Subject Property lies within the Vernon Karst Hills province, which is part of the Karst Plain District. The Vernon Karst Hills are characterized by rolling hills, sinkholes, and interspersed flat karst valleys. Elevations range from 20 feet above mean sea level (AMSL) in the southwestern portion of this province to 200 feet AMSL near Vernon (Rupert, 2009). The Subject Property land elevation ranges from approximately 5 to 70 feet AMSL.

3.3 Physical Setting Review of Subject Property

A custom soil report was obtained from the Natural Resources Conservation Service (NRCS, 2021). Four soil map units were identified on the Subject Property. The soil types and estimated acreage for each soil type identified at the Subject Property are listed in the table below.

A full description of the soils identified at the Subject Property and a map showing the soil type underlying the Subject Property are included in **Appendix C.**

Map Unit Symbol	Washington County, Florida Map Unit Name	Estimated Acreage
2	Rutlege, Pickney and Pamlico soils, frequently flooded	41.1
98	Rutlege loamy fine sand, depressional	136.0
99	Water	2.7
106	Pantego and Clara soils, ponded	36.9
116	Blanton-Lakeland complex, 0 to 5 percent slopes	411.9

Note: Estimated acreages are approximately and based on shape files provided by FDEP. They do not represent surveyed values.

Based on a review of the Geologic Map of the State of Florida (Scott et al, 2001, Map Series 146) the surface geologic unit present at the northwest corner of the Subject Property consists undifferentiated sediments of the Pleistocene/Holocene age.

	Washington County, Florida
Map Unit Symbol	Geologic Unit Name
QU	Undifferentiated Sediments of the Pleistocene/Holocene age

3.4 Land Use of the Subject Property

The Subject Property consists of three land parcels. Parcel 1 (county parcel 00000000-00-6194-0001) contains a one-story, wood-frame residence; a one-story, wood-frame barn and guest house (mobile home); a wildlife food plot; three man-made ponds; two artesian wells feeding the ponds and structures; and a cypress lake. Parcels 2 and 3 (county parcels 00000000-00-6186-0000 and 00000000-00-6168-0003) include a manmade lake, a pond, a former homestead with derelict buildings, and stands of pine timber. A utility easement is present on the eastern side of the Subject Property. The Subject Property is currently utilized for timber and recreation, such as hunting, swimming, and fishing.

3.5 Land Use of the Adjoining Properties to the Subject Property

The Subject Property is bounded to the east by Pine Log State Forest, to the south by Pine Log Creek, and to the north by private low-density residential and agricultural lands. The Subject Property is bound to the west by a portion of the Seven Runs Creek Conservation Easement and private low-density residential and agricultural lands. Historically, land use in the surrounding area has been primarily agricultural and recreational, although some mining/borrowing has occurred in the area. A list of the adjacent property owners, generated from the Liberty County Property Appraiser website is provided in **Appendix D.**

Information regarding the current and historical land use of the adjoining properties was primarily gathered through a site inspection, the review of historical aerial photographs, water management district records, review of publicly available photographs, interviews with the Subject Property owner/land manager, and information in Google Earth's online program.

SECTION 4.0 HYDROLOGY

4.1 Surface Water Classification of Washington County

In Washington County, Econfina Creek is classified as a Class I water (surface water bodies used for potable water supplies) (FDEP, 2016). All other oceans, rivers, creeks, swamps, bogs, or any other surface water features are classified as Class III Freshwater, or Marine water, and should follow the Class III Freshwater or Marine water Criteria as established in Chapter 62-302.400 of the Florida Administrative Code (FAC) (FDEP, 2016).

All waters in National Parks, State Parks, preserves, memorials, wildlife refuge, and wilderness areas are classified as Outstanding Florida Waters as established in Chapter 62-302.700, FAC (FDEP, 2016).

Surface water within the Subject Property will mainly infiltrate through Subject Property soils. Surface water that does not infiltrate generally flows to the nearest water body in the northern parcels of the Subject Property (Crews Lake or the Chocktawatchee River). Generally in the southern parcels of the Subject Property, the surface water generally flows south where it will eventually discharge to Pine Log Creek.

4.2 Aquifer Classification of Washington County

Washington County is underlain by three aquifer systems: the Surficial Aquifer, the Intermediate Aquifer system, and the Floridan Aquifer system. Additionally, there are 35 named springs and an unknown number of smaller unnamed springs within the county (Rupert, 2009).

The Surficial Aquifer is the water table aquifer and extends down through Miocene and Pliocene age sediments to a depth of approximately 100 feet at its thickest in the north-central and southeastern portions of the county. The Surficial Aquifer is generally not utilized as a source of drinking water (Rupert, 2009).

The Intermediate Aquifer system is also known as the intermediate confining unit. The system is composed of Miocene and Oligocene age clays and carbonate units. The system, as a whole, ranges in thickness from 50 to 100 feet. The Intermediate Aquifer is not typically utilized for potable water (Rupert, 2009).

The Floridan Aquifer system is the primary drinking water source in Washington County. It is comprised of middle Eocene to middle Miocene limestones. Portions utilized for potable water extraction range in depth from 50 to 300 feet, although the aquifer system thickness ranges up to 700 feet in the southwestern portions of the county (Rupert, 2009).

SECTION 5.0 SITE CONDITIONS

5.1 Subject Property Description

The Subject Property is approximately 628 acres in total area consisting of three contiguous, irregularly shaped parcels of land. Parcel 1 (county parcel 00000000-00-6194-0001) is bound to the south by Pine Log Creek and to the north by Parcel 3 (county parcel 00000000-00-6168-0003). Parcel 2 (County parcel 00000000-00-6186-0000) is a 40-acre parcel bounded by Parcel 3 to the north, west, and south. The Subject Property is located within Sections 12 and 13; Township 1 South; Range 17 West within Washington County, Florida, as located on the Bruce, Florida United States Geological Survey (USGS) 7.5 minute topographic map (**Figure 1**). The Subject Property is described in the legal description provided by the FDEP, which is included in **Appendix B.** Based on the online Washington County Property Appraiser records (https://www.qpublic.net/fl/washington/), the listed address for Parcel 1 is 5854 Tyler Ferry Road and Parcels 2 and 3 are listed as located on Strickland Road.

Currently, the Subject Property is utilized for recreational and agricultural (timber) purposes. Historically, the Subject Property was utilized for agricultural purposes, including timber and other agricultural crops. Upland portions of the Subject Property are primarily planted pine stands of various age. There is a derelict homestead on Parcel 2. There is a large food plot on Parcel 1. Lowland portions of the Subject Property includes forests, ponds, lakes, and two residential structures. A utility easement (primarily overhead power lines) is present on the eastern edge of the Subject Property. Unpaved trail roads and fire breaks are present though the Subject Property.

5.2 Structure Assessments

Assessments for mold and radon were conducted on the two residential structures by Ericks Environmental Consulting. These survey reports are included in **Appendix E**.

Apparent water damage and visible was noted in within both structures. Air sampling conducted inside each structure and outside indicated airborne mold was present at the time of sampling. All samples collected indicated elevated concentrations of penicillium/aspergillus, cladosporium, and chaetomium molds. Based on the levels of mold spores detected, the report recommended that anyone entering either building wear eye, skin, and respiratory protection. Recommendations for remediation of the mold are also included in the report.

Radon levels were also sampled within each structure. Detected radon levels in all samples collected were below the indoor radon level action level of 4.0 picocuries per liter (pCi/L). No actions relative to radon were recommended.

5.3 Site Inspection: Recognized Environmental Conditions and Items of Concern

NorthStar personnel performed a site reconnaissance of the Subject Property on February 2, 2021. The site inspection included ground reconnaissance of the Subject Property and adjoining properties in order to identify recognized environmental conditions and items of concern. Global position system technology (Trimble R1 with Trimble GNSS version 3.05.618 software and Collector for ArcGIS version 18.0.1 application on an LG G7 phone) were used to track ground positions during the investigation.

The ground reconnaissance was conducted on foot and by vehicle. Access to Subject Property trail roads was gained via Environmental Road and Strickland Road. Reconnaissance for areas inaccessible to vehicles or foot traffic was conducted through review of recent aerial photography. Emphasis of the site inspection was placed on looking for the following items or conditions:

- Dumps, especially with drums or containers;
- Debris including household, farm, or industrial waste;
- Fill used for possible cover material for landfills;
- Unusual odors;
- Sewage disposal / septic tanks;
- Water supply and wells;
- Storage tanks used for petroleum storage, pesticide storage, or other chemical storage;
- Buildings with chemical storage equipment or repair areas, solvent storage areas, or structures showing evidence of asbestos sprayed fire roofing or acoustical plaster;
- Vegetation different from the surrounding area for no apparent reason (e.g., bare ground or stressed vegetation);
- Modified surface water bodies or surface water bodies showing oil seeps, stained ground, discolored stream banks, oil slicks on water, or unusual colors in the water;
- Air strips with spray operation base;
- Equipment parking areas;
- Machine repair areas / hydraulic equipment;
- Pipelines or major electrical equipment;
- Oiled or formerly oiled roads; and
- Electric transmission lines including pole mounted transformers or pad mounted transformers (leaks).

Recognized environmental conditions (REC) are defined as the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or

petroleum products into the ground, groundwater, or surface water of the Subject Property (ASTM E2247-16, Chapter 3.2.80).

One REC were identified on the Subject Property during the site reconnaissance:

- Storage barn area (photographs 7, 9, 10, 53, 54, and 55). Stained soil, observed leaking chemical and fuel containers, and signs of poor housekeeping are present in this area.

Historical REC (HREC) are defined as a past release of hazardous or petroleum substances that have been remediated and now meet all requirements for unrestricted residential use. (ASTM E2247-16, Chapter 3.2.43). Controlled recognized environmental conditions (CREC) are defined as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk based criteria established by regulatory authority). CREC have hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls) (ASTM E2247-16, Chapter 3.2.19). No HREC or CREC were identified on the Subject Property.

De minimis conditions (items of concern) are defined as conditions that generally do 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. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions. However, it is recommended that corrective measures be executed in order to secure the transfer of land ownership. The IOCs identified on the Subject Property during the site reconnaissance were as follows:

- Three uncapped artesian wells (Photographs 5, 19, 22)
- Miscellaneous debris piles (Photographs 15, 18, 26, 41, 44, 56, 57, 58, 66, 71, 72);
- Derelict wooden dock (Photograph 24)
- Derelict homestead and outbuildings (Photographs 37, 38, 39, 40, 42)
- A 2-inch PVC pipe that may be a fourth well (Photograph 63);
- An abandoned travel trailer (Photographs 20 and 21), and
- Elevated mold levels present in both the residential structures on the southern parcel.

Photographic documentation and field observations from the Subject Property reconnaissance are provided in **Appendix F**.

SECTION 6.0 HISTORICAL LAND USES

6.1 Environmental Liens/Land Use Restrictions on the Subject Property

Envirosite Corporation conducted a search for environmental liens for the Subject Property with the report dated January 21, 2021. They identified no leases or environmental liens relating to Subject Property. Additionally, no Activity Use Limitations (AUL) were identified for the Subject Property (**Appendix B**). Washington Crossing, LLC, currently owns the Subject Property.

6.2 Historical Aerial Photograph and Topographical Map Review

Additional site history was gathered through a review of aerial photographs and topographical maps. NorthStar reviewed historical aerial photographs from 1941, 1942, 1949, 1951, 1955, 1964, 1974, 1976, 1978, 1979, 1983, 1994, 1999, 2007, 2010, 2013, 2015, 2017, and 2019 showing the Subject Property and adjoining properties. These historical aerial photographs are included in **Appendix G**. The findings of the historical aerial photograph review are as follows:

Prior to or during 1941: The Subject Property is mostly cleared with a dense network of unpaved trail roads and what appear to be three separate farms with structures and fenced pasture on the two northern parcels. The southern parcel is always mostly cleared, with a less dense trail road network. The floodplain of Pine Log Creek along the southern boundary of the south parcel appears undisturbed, although there is a small structure located near the creek within a clearing that extends to the creek bank. Environmental Road, Strickland Road, and Pine Log Landing Road were established prior to **1941**. The surrounding property also appears to be very sparsely populated agricultural lands, with a large farm to the north and a mix of pasture and recently harvested timberland to the east and west.

Between 1942 and 1955: By **1942**, fencing was constructed behind the structures for the western farm and the large pasture/feed plot, present today, is cleared on the southern Subject Property Parcel. By **1949**, the small structure near Pine Log Creek is no longer evident. Other changes to the Subject Property over the decade include the fading of trail roads as the forested areas regrow and the installation of an overhead utility corridor on the eastern side by **1951**. Additionally the eastern farm and pasture appear “unkempt” and the structure is no longer evident adjacent to the pasture by **1955**. The surrounding property appears generally unchanged except for some additional timber clearing and regrowth.

Between 1955 and 1964: A significant amount of clearing takes place in the northwest portion of the Subject Property. Fencing is increased and the cleared areas appear to have been converted to pasture. The fenced area associated with the western farm appears to have been replaced with a large barn and smaller paddocks. In the southeast portion of the property, a large wetland appears to have been logged, excavated, and dammed to form a large pond. In

the surrounding area, the large farm to the north appears to have expanded their fenced pasture. The properties to the east have been logged and replanted. Additional homesteads/farms have been built on some of the adjoining parcels.

***Between 1964 and 1974*:** By **1974**, the farm located in the center of the Subject Property is gone. The only buildings evident in **1974** is the western farm, which retains is large area of pasture. The east side of the Subject Property has been logged to thin the existing forest. In the southern parcel of the Subject Property, a significant amount of disturbance can be seen including the excavation of a rectangular borrow pit/pond on the western boundary, some clearing along Pine Log Creek, and a structure is now present south of the large food plot. Surrounding property use appears generally unchanged, although the property to the southwest appears to have additional areas cleared.

Between 1974 and 1983: By **1976**, a large area of cypress have been thinned from the floodplain of Pine Log Creek. Additionally, a berm was constructed to maintain water within the thinned cypress wetland. Four new ponds have been excavated on the Subject Property, one near the rectangular borrow pit/pond and three adjacent to the cypress lake. Few other changes are evident on the Subject Property between **1974** and **1983**. Similarly, there are few changes to the surrounding property use, although the adjoining property to the southwest appears to have been planted with trees and a large pond installed at the edge of the Pine Log Creek floodplain.

***Between 1983 and 1994*:** By **1994**, it appears that the farm on the northwest portion of the Subject Property is also gone. The structures are not evident and the associated pastures are being to be taken over by forest. The tree canopy of the forests to the east and south have increased. A second structure, the single-story residence, is present adjacent to the cypress lake. The other structure near the lake appears to have been expanded. In the surrounding area, the forest canopy has increased along the eastern side and the western side was harvested.

***Between 1994 and 2007*:** By **1999**, a large section of the forest on the northeast side of the property was harvested. By **2007**, it is evident this area along with much of the former pasture to the northwest has been replanted with pine. The surrounding properties continue to be utilized for planted pine and little other development has occurred.

***Between 2007 and 2019*:** Few changes to the Subject Property occur between **2007** and **2019**. The Subject Property appears to be utilized primarily for silviculture. The large food plot and structures on the southern parcel continue to be maintained. Few changes are observed to the adjoining properties as well. The surrounding area remains primarily silviculture with one large farm to the north.

6.3 Regulatory Records Review

A records review of regulatory agencies' enforcement and permitting records for the Subject Property was conducted by Envirosite with the report dated January 19, 2021. The record review was conducted in accordance with ASTM E2247-16 standards to research indications of prior contamination at the Subject Property and surrounding properties. FDEP databases such as the Stationary Tank Inventory (STI) and Petroleum Contamination Detail Report, above ground storage tanks (AST), leaking underground storage tanks (LUST), and underground storage tanks (UST) were reviewed. The USEPA databases such as the Facility Index System List (FINDS), the National Priorities List (NPL), the Comprehensive Environmental Response Compensation and Liability Act Index (CERCLIS), the Resource Conservation and Recovery Information System (RCRIS), and the Dry Clean Index (DRYCLN) were also reviewed. The records review listed no database records within the search radii for the Subject Property and surrounding area. Additionally, there no unmappable sites within the search radii. The government report is included in **Appendix H**.

Envirosite's report also searched state, federal, and local databases for water well information. All wells located within one mile of the Subject Property are listed. Forty one well records were located within one mile of the Subject Property. Of these records 30 were domestic water wells, 2 were irrigations wells, 1 was a limited use public water supply well, 2 were water quality monitoring wells, and 5 were abandonment permits. None of these well records were associated with the Subject Property.

6.4 Historical City Directory Abstract and Sanborn Map Review

City directories were published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories were generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. No city directories were available for the Subject Property or surrounding area.

Similarly, Sanborn maps were originally developed as a tool to assess fire insurance liability in urban areas. These maps contained detailed information on the types of businesses and common uses of properties within cities and towns. No Sanborn maps were available for the Subject Property.

6.6 Interviews of Persons and Adjoining Property Owners with Knowledge of the Subject Property

NorthStar attempted to identify, contact and conduct interviews with all past and present owners, operators and occupants of the Subject Property as well as any representatives of local and state regulatory agencies who may have intimate knowledge of the Subject Property.

An environmental questionnaire was sent to the property asset manager, Mr. Mike Kalinock. He and Mr. Tom Watson, the current broker and a former employee of Washington Crossing, completed and restored the questionnaire. A copy of the pre-environmental site assessment questionnaire completed by Dr. Aresco is included in **Appendix I.**

In addition to the questionnaire, NorthStar personnel interviewed Mr. Watson to obtain additional details concerning the current and historical uses of the Subject Property. According to Mr. Watson, the Subject Property has been used for recreational purposes for at least the past 20 years. He indicated there was a single-story home currently utilized by the hunting manager, Spencer Bonjean, as well as a mobile home "guest house" and an old travel trailer present on the Subject Property. Mr. Watson indicated the single-story home was never utilized as a permanent residence. He indicated the travel trailer was the location of a former hunting camp. Mr. Watson indicated there are "several" artesian water wells on the Subject Property. These feed the ponds and structures. He indicated the round pond east of the single-story home was used for swimming and the oval pond immediately to the west of the home was used to raise catfish.

With respect to the bermed area forming the cypress pond, Mr. Watson indicated that quite a few years ago the berm had burst and was repaired. He indicated the repairs were conducted with a permit, but opined that such a permit would no longer be issued due to wetland disturbance restrictions.

Mr. Watson indicated a Phase I ESA was conducted on the Subject Property in 2004. He was unable to locate the document, however he stated that there were not significant findings in the report and that financing went through on the property without additional assessment.

6.8 User Responsibility

In order to qualify for one of the *Landowner Liability Protections (LLP)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the potential user of the Subject Property must provide certain information regarding the Subject Property.

NorthStar requested this information by way of a User Questionnaire submitted to Mr. James Parker of FDEP. Mr. Parker completed the questionnaire in January 2021. The answers he

provided indicated that FDEP had no specialized knowledge of the Subject Property and that he was not aware of any environmental issues related to the property. A copy of the completed User Questionnaire is included in this report as **Appendix J.**

SECTION 7.0 QUALIFICATIONS

I declare that, to the best of our professional knowledge and belief, I meet the definition of EP as defined in 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. NorthStar has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. The following is a brief description of the experience level of the EP that performed work during this project.

Pamela Jackson, PG - Ms. Jackson has over 25 years of experience conducting environmental work within the state of Florida. She has personally performed or overseen the performance of several hundred Phase I ESA, Environmental Site Observations (ESO), Baseline Documentation Reports, Conservation Easement Monitoring Assessments, and Limited Phase II ESA. Her client list includes the FDEP - Division of State Lands (DSL), the Florida Department of Transportation (FDOT), the Florida Department of Agriculture and Commerce (FDACS), the Florida Forestry Services (FFS), the Florida Fish & Wildlife Conservation Commission (FFWCC), the Florida Department of Environmental Transportation (FDOT) The Trust for Public Land (TPL), FSU, and various private entities and individuals. Ms. Jackson is responsible for site visits, proper photo-documentation, determining historical ownership and type of land use at a site, aerial photograph interpretation, personal interviews, temporary well installation, groundwater sampling, soil sampling, sediment sampling, and report generation. Ms. Jackson routinely uses GPS and Geographic Information Systems (GIS) technology during Phase I ESA and ESO to identify recognized environmental conditions and items of concern, verify property boundaries, and locate environmental sample locations.

Ms. Jackson currently serves as Contract Manager for two FDEP contracts, two FDOT District 2 contracts, and one City of Tallahassee Contract. She provides Phase I and Phase II ESA as part of these contracts. She is also responsible for creating proposals, client contacts and project management of other selected projects.

Resumes detailing educational background; training, certifications and memberships; previous work experience and noteworthy projects is included in this report as **Appendix K**.

SECTION 8.0 CONCLUSIONS AND RECOMMENDATIONS

NorthStar performed a Phase I ESA on county land parcels 00000000-00-6194-0001 (Parcel 1), 00000000-00-6186-0000 (Parcel 2), and 00000000-00-6168-0003 (Parcel 3), collectively known as Subject Property. The Subject Property is located in Washington County, Florida. The Subject Property is located on the Bruce, Florida USGS 7.5 minute topographic map (**Figure 1**).

Currently, the Subject Property is utilized for recreation and agriculture (timber). Historically, it was used for a combination of recreation, timber, and agriculture. The Subject Property accessed via Environmental Road and Strickland Road. Inaccessible areas were inspected through aerial photography review.

NorthStar has performed this Phase I ESA investigation in conformance with ASTM 2247-16 standards.

One REC were identified on the Subject Property during the site reconnaissance:

- Storage barn area (photographs 7, 9, 10, 53, 54, and 55). Stained soil, observed leaking chemical and fuel containers, and signs of poor housekeeping are present in this area.

The IOCs identified on the Subject Property during the site reconnaissance were as follows:

1. Three uncapped artesian wells (Photographs 5, 19, 22)
2. Miscellaneous debris piles (Photographs 15, 18, 26, 41, 44, 56, 57, 58, 66, 71, 72);
3. Derelict wooden dock (Photograph 24)
4. Derelict homestead and outbuildings (Photographs 37, 38, 39, 40, 42)
5. A 2-inch PVC pipe that may be a fourth well (Photograph 63);
6. An abandoned travel trailer (Photographs 20 and 21), and
7. Elevated mold levels present in both the residential structures on the southern parcel.

Based on the field observations, review of the historical aerial photography, and regulatory records review from the Phase I ESA, NorthStar recommends additional assessment work be conducted at the Subject Property in connection with the identified REC. Additionally assessment should be conducted to determine if the stained soils and poor housekeeping are indicative of a significant release to the environment. To conduct this assessment, NorthStar recommends that up to five soil borings be advanced to the water table in and around the petroleum and pesticide storage areas. Soil samples should be collected from these locations at the following depths: 0.5 to 1.0 feet, 1.5 to 2 feet, and every foot thereafter until the water table is reached. Additionally, NorthStar recommends a single groundwater screening sample be collected from one soil boring. All samples should be analyzed for the Kerosene Analytical Group, Pesticides, and Herbicides, per Chapter 62-780, Florida Administrative Code.

Additionally, NorthStar also makes the following recommendations relative to the identified IOCs:

- IOC #1, the three artesian wells should be capped to control the flow per Northwest Florida Water Management District Requirements. If control structures are present, these should be inspected and repaired or upgraded as needed to meet regulatory requirements.
- IOC #2 and #6 (debris and abandoned travel trailer). These IOC should be removed from the property prior to purchase.
- IOC #3 and #4 (derelict dock, homestead, and outbuildings) should be demolished to remove the safety hazards and attractive nuisance liability they present. Note that asbestos surveys were not conducted on these structures but are required by State law prior to demolition activities.
- IOC #5 (suspected unused water well). The suspected well should be investigated to determine whether this is a well and if so, if it was properly abandoned. If it was not abandoned, the well should be abandoned by a licensed well driller.
- IOC #7 (elevated mold levels in both residential structures). At this time, per the mold survey recommendation, no entry to either structure should be made without skin, eye, and respiratory protection. If either building is to be utilized, for storage or for habitation, mold remediation should be conducted to remove safety hazards. If the buildings will not be utilized, NorthStar recommends they be demolished along with IOC #3 and #4. Note that asbestos surveys were not conducted on these structures but are required by State law prior to demolition activities.

SECTION 9.0 REFERENCES

American Society for Testing and Materials. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice, E 2247-16. West Conshohocken, PA

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FDEP, Tallahassee, Florida. Florida Statutes: 62-302.400 and 62-302.700. Retrieved January 2021 from the World Wide Web: http://www.dep.state.fl.us

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Scott, T.M., K.M. Campbell, F.R. Rupert, J.D. Arthur, T.M. Missimer, J.M. Lloyd, J.W. Yon, and J.G. Duncan, 2001. Geologic Map of the State of Florida. Florida Geological Survey and Department of Environmental Protection, Map Series No. 146.

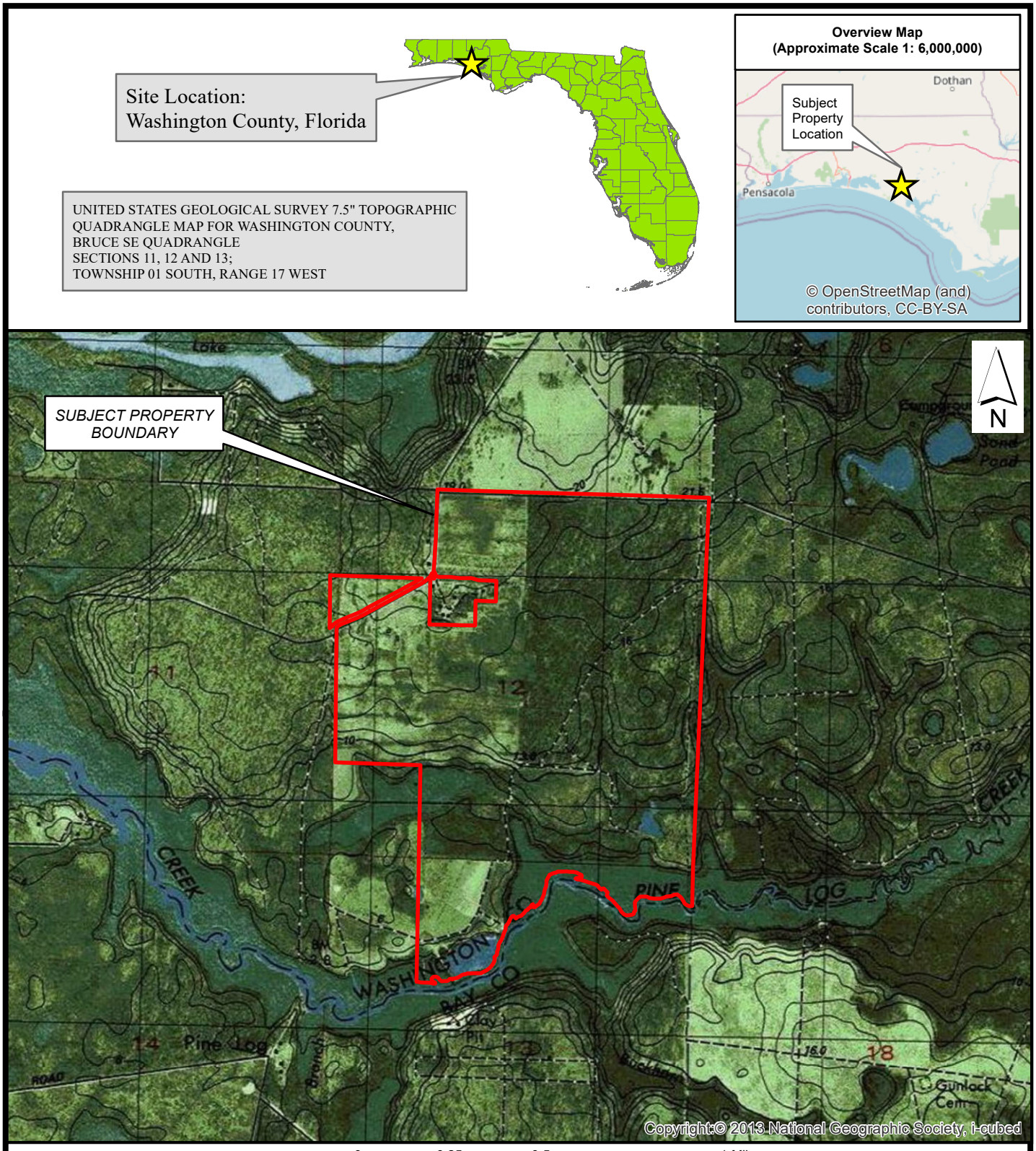
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The University of Florida Map and Digital Library. November 2019. http://ufdc.ufl.edu/aerials

United States Department of the Interior- Geological Survey, Bruce, FL Quadrangle, 7.5 Minute Series (Topographic), 2018.

United States Environmental Protection Agency. *Surf Your Watershed, 2021.* Washington, D.C. URL: **http://www.epa.gov/surf3/locate/**.

FIGURE



PROJECT NO.: 40-21-401		GIS ID: 4021401A001_SVM	PROJECT MANAGER: PJ		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 1/28/2021	DRN BY: MT	CHK BY:	STATUS: FINAL

NorthStar
Contracting Group, Inc.
325 JOHN KNOX ROAD, BLDG C, SUITE 100, TALLAHASSEE, FLORIDA 32303
PHONE: (850) 531-9860

FIGURE 1
SITE VICINITY MAP
PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Appendix A

Contractor's Itemized Checklist and Executed Task Assignment

CONTRACTOR'S ITEMIZED CHECKLIST

Phase I ESA (ASTM E1527 and ASTM E2247}; Updated Phase I ESA (ASTM E 1527 and ASTM E 2247)

Directions: Please fill out each blank with the appropriate response. An appendix may be indicated instead of a page number, if appropriate.

1) YES/NO NO Have any requests for deviation to the DSL Scope of Services been approved?

2) Page # ii Certification to the Board of Trustees, with subsections a, b, c, d, and e.

3) Page # 13 Determination of whether other or previous ESAs or environmental work has been performed at the Subject Property. If other ESAs or environmental work exists, state the Appendix in which copies of the previous ESAs or environmental work can be found in the report: Appendix: _____.

4) Page # 10 Determination of existing environmental liens and AULs on the Subject Property.

5) Page # 4 and Appendix D Adjoining property owner landowner identification.

6) YES/NO NO Were any adjoining landowners interviewed? If so, what page number can this information be found on in the report? Page # _____.

7) Page # 10 Summary of current and historical aerial photographs.

8) Page # 8 GPS points and GPS manufacturer and model.

9) Page # Appendix F Photograph points oriented on a site map to scale or current aerial photograph.

10) Page # 6 Groundwater information.

11) Page # 2 Data failure information.

12) Page # 16 Discussion and evaluation of findings, conclusions and recommendations.

TASK ASSIGNMENT NOTIFICATION FORM
DEP CONTRACT NO. PL269

Task Assignment Number**: PL269.022** BLA File Number: **328358** Date: **January 13, 2021**

Project Name: Seven Runs Creek Final Phase
Owner's Name: Washington Crossing, LLC.
Parcel ID No: Multiple (See attached)

County**: Washington**
Acres: **628**

Contractor: **NORTHSTAR CONTRACTING GROUP, INC.** FEID No: 13-3879343
Contractor Contract Manager: Pamela Jackson Phone Number: 850-531-9860

DEP Designated Task Manager: James Parker Phone Number: 850-245-3045
DEP Contract Manager: James Parker Phone Number: 850-245-3045
Subcontractors: (List, if any) _____ MBE: _____ Yes ___ No
_____ MBE: _____ Yes ___ No

Task Description (Use additional sheets if necessary):
1) Provide a **Phase I Environmental Site Assessment** for the above referenced parcel(s) as described in Exhibit "A" in accordance with Division of State Lands (DSL) standards which are attached as Exhibit "B". In addition, the Contractor must comply with the most current American Society of Testing and Materials (ASTM) E2247 standard. If the DSL standards and ASTM requirements for Phase I ESAs conflict, then the Contractor must perform to the more stringent of the requirements (ASTM scope and limitations will be provided to the Contractor upon request). The signatory on the report must be an "environmental professional", as that term is defined by ASTM. Please be aware that DSL requires the contractor to conduct an AUL/lien search on its behalf, as outlined in the DSL Scope of Services.

Deviations:
The following deviations from DSL standards and/or Contract PL269 will be authorized: Submittal of DRAFT and FINAL products may be done electronically; paper copies will not be required. Two (2) compact discs containing the FINAL report will be required upon approval of the DRAFT product. **No other deviations from the above-mentioned standards are allowed, unless in writing from the Division of State Lands.**

The User Questionnaire is completed and attached. For property specific questions and property access, contact the seller JP Bolduc at 410-884-1960

Attachments: **Exhibit "A", Exhibit "B", & User Questionnaire**

DRAFT Products Due Date: **February 26, 2021**
Liquidated Damages Per Day Charge: **$ 25.00**

Task Assignment Type:
Fee Schedule (Phase I ESA)
Cost Reimbursement
Total Task Assignment Value

Amount Not to Exceed:
$ 3,137.50
$ n/a
$ 3,137.50

NORTHSTAR CONTRACTING GROUP, INC.

Pamela JW Jackson — Digitally signed by Pamela JW Jackson Date: 2021.01.15 07:02:41 -05'00'

Contract Manager Date

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

James Parker — Digitally signed by James Parker Date: 2021.01.13 10:00:57 -05'00'

DEP Contract Manager or designee Date

APPROVED:

Robbie Parrish — Digitally signed by Robbie Parrish Date: 2021.01.13 10:30:43 -05'00'

Contractual Authority Date

Sheryl Boutin — Digitally signed by Sheryl Boutin Date: 2021.01.14 15:32:02 -05'00'

Funding Authority Date

Funding Information:

Org. Code	E. O.	Fund	Object Code	Budget Entity	Module	Special Category	Project #	Year	Amount
37102400000	**QH**	**423001**	**131545**	**37100400**	**NA**	**084108**	**FF07070**	**21**	**$3,137.50**

cc: Contracts Office (MS93)
Bureau of Finance & Accounting (MS75) 2 copies

29-Digit FLAIR Code: 372024230013710040000008410821

Performance Measure: DEP Contract Manager will review deliverable to ensure specifications were met.

Financial Consequences: DEP will not pay for unsatisfactory deliverables. Contractor shall be given the right to remedy at no cost to DEP.

ATTACHMENT B

TASK ASSIGNMENT CHANGE ORDER
FORM DEP CONTRACT NO. PL269

Task Assignment Number: PL269.022 Change Order No.: 1 File Number: 328358

Project Name: Seven Runs Creek Final Phase

Owner's Name/Parcel #: Washington Crossing, LLC County: Washington

Contractor Contract Manager: Pamela Jackson Phone Number: 850-531-9860

DEP Designated Task Manager: James Parker Phone Number: 850-245-3045

DEP Contract Manager: James Parker Phone Number: 850-245-3045

Description of Change (Use additional sheets if necessary): Addition of radon,mold surveys and time extension

CHANGE IN TASK AMOUNT

Item	Fee Schedule	Cost Reimbursement	Fixed Price	Total
Original Task Amount:	$3,137.50			$3,137.50
Task amount prior to this change order:	$3,137.50			$3,137.50
Net increase/decrease in task amount:	3,828.80			3,828.80
Task amount with all change orders:	$6,966.30			$6,966.30

CHANGE IN TASK TIME

Original task completion date: 2/26/2021
Completion date prior to this change: 2/26/2021
Net increase/decrease in task period: + 7 Days
Completion date with all change orders: 3/5/2021

CARDNO, INC.

Pamela JW Jackson — Digitally signed by Pamela JW Jackson Date: 2021.01.26 11:07:12 -05'00'

Contract Manager Date

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTIO

James Parker — Digitally signed by James Parker Date: 2021.01.26 09:39:43 -05'00'

DEP Contract Manager or designee Date

APPROVED:

Robbie Parrish — Digitally signed by Robbie Parrish Date: 2021.01.26 10:23:36 -05'00'

Contractual Authority Date

Sheryl Boutin — Digitally signed by Sheryl Boutin Date: 2021.01.26 10:41:18 -05'00'

Funding Authority Date

FOR DEPARTMENT USE ONLY:

Change In Funding Information:

Org. Code	E.O.	BE	Object Code	Fund	Spec. Cat.	Grant #	Year	Amount
37102400000	QH		131545	423001	084108		21	$6,966.30

cc: Ruth Heggen, Procurement Section (MS93)
Bureau of Finance & Accounting (MS75)-2 copies

Parker, James

From: Jackson, Pamela <PJackson@NorthStar.com>
Sent: Friday, January 22, 2021 4:37 PM
To: Parker, James
Subject: RE: [X-TRN] RE: [X-TRN] Re: [X-TRN] FW: Option Agreement review - Washington Crossing LLC

James,
We can conduct the additional surveys for radon and mold on the single story residence for a lump sum of **$3,828.80**. That covers all necessary sampling, travel to and from the site for both the initial sample setup and the sample recovery, and all laboratory costs. Please advise as soon as possible if you wish to move forward. We will likely need to reschedule our originally site inspection date to accommodate the schedule of the radon/mold folks. A five day (one week) extension on the due date would be helpful, but not necessary if it is too much of a pain to do.
Pam

Pamela JW Jackson, PG
Senior Professional Geologist
NorthStar Contracting Group, Inc.
325 John Knox Road
Building C, Suite 100
Tallahassee, FL 32303
Phone: 850.661.4415

From: Parker, James [mailto:James.Parker@dep.state.fl.us]
Sent: Friday, January 22, 2021 9:39 AM
To: Jackson, Pamela <PJackson@NorthStar.com>
Subject: [X-TRN] RE: [X-TRN] Re: [X-TRN] FW: Option Agreement review - Washington Crossing LLC

Lump is fine.

James Parker
Government Operations Consultant III
Office of Environmental Services, Division of State Lands
Florida Department of Environmental Protection
3900 Commonwealth Boulevard, MS 140
Tallahassee, FL 32399-3000
850-245-3045 (Office)
850-245-2572 (Fax)

From: Jackson, Pamela <PJackson@NorthStar.com>
Sent: Friday, January 22, 2021 9:26 AM
To: Parker, James <James.Parker@dep.state.fl.us>
Subject: RE: [X-TRN] Re: [X-TRN] FW: Option Agreement review - Washington Crossing LLC

TASK ASSIGNMENT NOTIFICATION FORM
DEP CONTRACT NO. PL269

Task Assignment Number: **PL269.022** BLA File Number: **328358** Date: **January 13, 2021**

Project Name: Seven Runs Creek Final Phase
Owner's Name: Washington Crossing, LLC.
Parcel ID No: Multiple (See attached)

County: **Washington**
Acres: **628**

Contractor: **NORTHSTAR CONTRACTING GROUP, INC.** FEID No: 13-3879343
Contractor Contract Manager: Pamela Jackson Phone Number: 850-531-9860

DEP Designated Task Manager: James Parker Phone Number: 850-245-3045
DEP Contract Manager: James Parker Phone Number: 850-245-3045
Subcontractors: (List, if any) _____ MBE: _____ Yes ___ No
_____ MBE: _____ Yes ___ No

Task Description (Use additional sheets if necessary):
1) Provide a **Phase I Environmental Site Assessment** for the above referenced parcel(s) as described in Exhibit "A" in accordance with Division of State Lands (DSL) standards which are attached as Exhibit "B". In addition, the Contractor must comply with the most current American Society of Testing and Materials (ASTM) E2247 standard. If the DSL standards and ASTM requirements for Phase I ESAs conflict, then the Contractor must perform to the more stringent of the requirements (ASTM scope and limitations will be provided to the Contractor upon request). The signatory on the report must be an "environmental professional", as that term is defined by ASTM. Please be aware that DSL requires the contractor to conduct an AUL/lien search on its behalf, as outlined in the DSL Scope of Services.

Deviations:
The following deviations from DSL standards and/or Contract PL269 will be authorized: Submittal of DRAFT and FINAL products may be done electronically; paper copies will not be required. Two (2) compact discs containing the FINAL report will be required upon approval of the DRAFT product. **No other deviations from the above-mentioned standards are allowed, unless in writing from the Division of State Lands.**

The User Questionnaire is completed and attached. For property specific questions and property access, contact the seller JP Bolduc at 410-884-1960

Attachments: **Exhibit "A", Exhibit "B", & User Questionnaire**

DRAFT Products Due Date: **February 26, 2021**
Liquidated Damages Per Day Charge: **$ 25.00**

Task Assignment Type:	Amount Not to Exceed:
Fee Schedule (Phase I ESA)	**$ 3,137.50**
Cost Reimbursement	$ n/a
Total Task Assignment Value	**$ 3,137.50**

NORTHSTAR CONTRACTING GROUP, INC.

Pamela JW Jackson — Digitally signed by Pamela JW Jackson Date: 2021.01.15 07:02:41 -05'00'

Contract Manager Date

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

James Parker — Digitally signed by James Parker Date: 2021.01.13 10:00:57 -05'00'

DEP Contract Manager or designee Date

APPROVED:

Robbie Parrish — Digitally signed by Robbie Parrish Date: 2021.01.13 10:30:43 -05'00'

Contractual Authority Date

Sheryl Boutin — Digitally signed by Sheryl Boutin Date: 2021.01.14 15:32:02 -05'00'

Funding Authority Date

Funding Information:

Org. Code	E. O.	Fund	Object Code	Budget Entity	Module	Special Category	Project #	Year	Amount
37102400000	**QH**	**423001**	**131545**	**37100400**	**NA**	**084108**	**FF07070**	**21**	**$3,137.50**

cc: Contracts Office (MS93)
Bureau of Finance & Accounting (MS75) 2 copies

29-Digit FLAIR Code: 372024230013710040000008410821

Performance Measure: DEP Contract Manager will review deliverable to ensure specifications were met.

Financial Consequences: DEP will not pay for unsatisfactory deliverables. Contractor shall be given the right to remedy at no cost to DEP.

EXHIBIT "A"

PARCEL 1
Lots 1 and 2 of the original Government Survey, Section 13, Township 1 South, Range 17 West, Washington County, Florida.

PARCEL 2
The North ½ of the Northeast ¼; the Southwest ¼ of the Northeast ¼; the North ½ of the Southeast ¼; the Southeast ¼ of the Southeast ¼; the Southeast ¼ of the Southwest ¼; the Southwest ¼ of the Southeast ¼; the Northeast ¼ of the Northwest ¼; the Southwest ¼ of the Northwest ¼; the North ½ of the Southwest ¼; the Southwest ¼ of the Southeast ¼ of the Northwest ¼; and the East ½ of the Southeast ¼ of the Northwest ¼, all in Section 12, Township 1 South, Range 17 West, Washington County, Florida. Less and Except any portion that lies within the Road right of way.

LESS AND EXCEPT:
Commencing at the Northwest corner of the East ½ of the Southeast ¼ of the Northwest ¼ of Section 12, Township 1 South, Range 17 West, thence run East 295 feet; thence South 295 feet; thence run West 295 feet; thence run North 295 feet to the Point of Beginning. Being in part of the East ½ of the Southeast ¼ of the Northwest ¼ of Section 12, Township 1 South, Range 17 West, Washington County, Florida.

ALSO LESS AND EXCEPT:
The West 100.00 feet of the Southwest ¼ of the Northwest ¼ of Section 12, lying South of Strickland Road (unimproved county maintained road); and the West 100.00 feet of the Northwest ¼ of the Southwest ¼ of Section 12, all lying and being in Township 1 South, Range 17 West, Washington County, Florida.

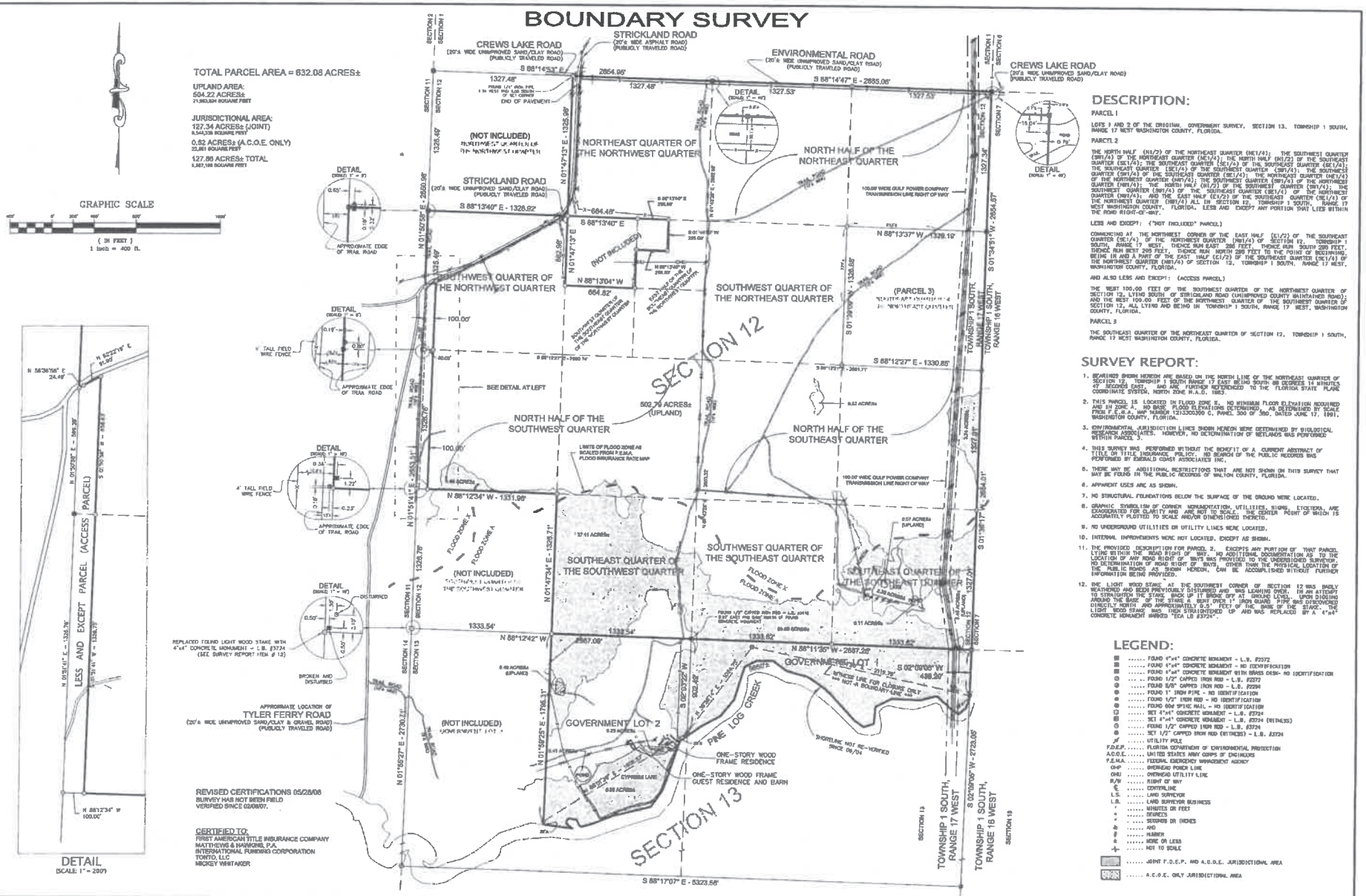
PARCEL 3
The Southeast ¼ of the Northeast ¼ of Section 12, Township 1 South, Range 17 West, Washington County, Florida.

NOTE: This legal description is for appraisal purposes. There may be revisions based on a boundary survey and title insurance commitment of the property.

Seven Runs Creek
Washington Crossing LLC
Washington County

BSM
BY SK
Date: 1.22.2020

BOUNDARY SURVEY



DESCRIPTION:

PARCEL 1

LOTS 1 AND 2 OF THE ORIGINAL GOVERNMENT SURVEY, SECTION 13, TOWNSHIP 1 SOUTH, RANGE 17 WEST WASHINGTON COUNTY, FLORIDA.

PARCEL 2

THE NORTH HALF (N1/2) OF THE NORTHEAST QUARTER (NE1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHEAST QUARTER (NE1/4); THE NORTH HALF (N1/2) OF THE SOUTHEAST QUARTER (SE1/4); THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHEAST QUARTER (SE1/4); THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHEAST QUARTER (SE1/4); THE NORTHEAST QUARTER (NE1/4) OF THE NORTHWEST QUARTER (NW1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHWEST QUARTER (NW1/4); THE NORTH HALF (N1/2) OF THE SOUTHWEST QUARTER (SW1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHWEST QUARTER (SW1/4); THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHWEST QUARTER (NW1/4); AND THE EAST HALF (E1/2) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHWEST QUARTER (NW1/4) ALL IN SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA. LESS AND EXCEPT ANY PORTION THAT LIES WITHIN THE ROAD RIGHT-OF-WAY.

LESS AND EXCEPT: ("NOT INCLUDED" PARCEL)

COMMENCING AT THE NORTHWEST CORNER OF THE EAST HALF (E1/2) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST, THENCE RUN EAST 295 FEET, THENCE RUN SOUTH 295 FEET, THENCE RUN WEST 295 FEET, THENCE RUN NORTH 295 FEET TO THE POINT OF BEGINNING. BEING IN AND A PART OF THE EAST HALF (E1/2) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA.

AND ALSO LESS AND EXCEPT: (ACCESS PARCEL)

THE WEST 100.00 FEET OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 12, LYING SOUTH OF STRICKLAND ROAD (UNIMPROVED COUNTY MAINTAINED ROAD); AND THE WEST 100.00 FEET OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 12, ALL LYING AND BEING IN TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA.

PARCEL 3

THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST WASHINGTON COUNTY, FLORIDA.

SURVEY REPORT:

1. BEARINGS SHOWN HEREON ARE BASED ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 1 SOUTH RANGE 17 EAST BEING SOUTH 88 DEGREES 14 MINUTES 47 SECONDS EAST, AND ARE FURTHER REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE N.A.D. 1983.
2. THIS PARCEL IS LOCATED IN FLOOD ZONE X, NO MINIMUM FLOOR ELEVATION REQUIRED AND IN ZONE A. NO BASE FLOOD ELEVATIONS DETERMINED. AS DETERMINED BY SCALE FROM F.E.M.A. MAP NUMBER 12133C0300 C, PANEL 300 OF 350, DATED JUNE 17, 1991, WASHINGTON COUNTY, FLORIDA.
3. ENVIRONMENTAL JURISDICTION LINES SHOWN HEREON WERE DETERMINED BY BIOLOGICAL RESEARCH ASSOCIATES. HOWEVER, NO DETERMINATION OF WETLANDS WAS PERFORMED WITHIN PARCEL 3.
4. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE OR TITLE INSURANCE POLICY. NO SEARCH OF THE PUBLIC RECORDS WAS PERFORMED BY EMERALD COAST ASSOCIATES INC.
5. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF WALTON COUNTY, FLORIDA.
6. APPARENT USES ARE AS SHOWN.
7. NO STRUCTURAL FOUNDATIONS BELOW THE SURFACE OF THE GROUND WERE LOCATED.
8. GRAPHIC SYMBOLISM OF CORNER MONUMENTATION, UTILITIES, SIGNS, CISTERNS, ARE EXAGGERATED FOR CLARITY AND ARE NOT TO SCALE. THE CENTER POINT OF WHICH IS ACCURATELY PLOTTED TO SCALE AND DIMENSIONED THERETO.
9. NO UNDERGROUND UTILITIES OR UTILITY LINES WERE LOCATED.
10. INTERNAL IMPROVEMENTS WERE NOT LOCATED, EXCEPT AS SHOWN.
11. THE PROVIDED DESCRIPTION FOR PARCEL 2, EXCEPTS ANY PORTION OF THAT PARCEL LYING WITHIN THE ROAD RIGHTS OF WAY. NO ADDITIONAL DOCUMENTATION AS TO THE LOCATION OF ANY ROAD RIGHT OF WAYS WAS PROVIDED TO THE UNDERSIGNED SURVEYOR. NO DETERMINATION OF ROAD RIGHT OF WAYS, OTHER THAN THE PHYSICAL LOCATION OF THE PUBLIC ROADS AS SHOWN HEREON, CAN BE ACCOMPLISHED WITHOUT FURTHER INFORMATION BEING PROVIDED.
12. THE LIGHT WOOD STAKE AT THE SOUTHWEST CORNER OF SECTION 12 WAS BADLY WEATHERED AND BEEN PREVIOUSLY DISTURBED AND WAS LEANING OVER. IN AN ATTEMPT TO STRAIGHTEN THE STAKE, BACK UP IT BROKE OFF AT GROUND LEVEL. UPON DIGGING AROUND THE BASE OF THE STAKE A BENT OVER 1" IRON ROUND PIPE WAS DISCOVERED DIRECTLY NORTH AND APPROXIMATELY 0.5' FEET OF THE BASE OF THE STAKE. THE LIGHT WOOD STAKE WAS THEN STRAIGHTENED UP AND WAS REPLACED BY A 4"x4" CONCRETE MONUMENT MARKED "ECA LB #3724".

LEGEND:

- ..... FOUND 4"x4" CONCRETE MONUMENT - L.B. #2372
- ..... FOUND 4"x4" CONCRETE MONUMENT - NO IDENTIFICATION
- ..... FOUND 4"x4" CONCRETE MONUMENT WITH BRASS DISK- NO IDENTIFICATION
- ..... FOUND 1/2" CAPPED IRON ROD - L.B. #2372
- ..... FOUND 5/8" CAPPED IRON ROD - L.B. #2294
- ..... FOUND 1" IRON PIPE - NO IDENTIFICATION
- ..... FOUND 1/2" IRON ROD - NO IDENTIFICATION
- ..... FOUND 60d SPIKE NAIL - NO IDENTIFICATION
- ..... SET 4"x4" CONCRETE MONUMENT - L.B. #3724
- ..... SET 4"x4" CONCRETE MONUMENT - L.B. #3724 (WITNESS)
- ..... FOUND 1/2" CAPPED IRON ROD - L.B. #3724
- ..... SET 1/2" CAPPED IRON ROD (WITNESS) - L.B. #3724
- ..... UTILITY POLE
- F.D.E.P. ..... FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
- A.C.O.E. ..... UNITED STATES ARMY CORPS OF ENGINEERS
- F.E.M.A. ..... FEDERAL EMERGENCY MANAGEMENT AGENCY
- OHP ..... OVERHEAD POWER LINE
- OHU ..... OVERHEAD UTILITY LINE
- R/W ..... RIGHT OF WAY
- ℄ ..... CENTERLINE
- L.S. ..... LAND SURVEYOR
- L.B. ..... LAND SURVEYOR BUSINESS
- ' ..... MINUTES OR FEET
- " ..... SECONDS OR INCHES
- & ..... AND
- # ..... NUMBER
- ± ..... MORE OR LESS
- ≠ ..... NOT TO SCALE
- ..... JOINT F.D.E.P. AND A.C.O.E. JURISDICTIONAL AREA
- ..... A.C.O.E. ONLY JURISDICTIONAL AREA

DATE	REVISION	BY
05/28/08	RESURVEY (NF) (UNDER 200'-0000)	
04/18/08	REMOVED ACCESS PARCEL ON WEST BOUNDARY	
01/15/05	ADDED PARCEL 3. (PCH)	
07/06/05	ADDED APPROXIMATE LOCATION OF TYLER FERRY ROAD	

EMERALD COAST ASSOCIATES, INC.
4636 GULFSTARR DRIVE
DESTIN, FLORIDA 32541
(850) 837-8242 (PHONE)

SCALE: 1" = 400'	FIELD BOOK(S): BOOK 1287, PAGES 79-81 (E.D.); BOOK 1289, PAGES 19-20 (E.D.); BOOK 1837, PAGE 35 (PB)
DRAWN BY: DLL	
PROJECT: 01-144	FIELD DATE: 05/25/04
ORDER: 04-0557	DWG. DATE: 06/25/04
FILE: G:\04\04-144\04-144bc.dwg	

BOUNDARY SURVEY OF A PORTION OF SECTIONS 12 AND 13, TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA.

REQUESTED BY: MICKEY WHITAKER
FOR: FRANKLIN H. WATSON, P.A.

THE SURVEY SHOWN HEREON, PREPARED IN ACCORDANCE WITH SECTION 472.027 FLORIDA STATUTES AND CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, MINIMUM TECHNICAL STANDARDS, IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Dexter L. Lundy 6/25/04

DEXTER L. LUNDY FLORIDA LICENSED SURVEYOR AND MAPPER # 5626
EMERALD COAST ASSOCIATES, INC., L.B. #3724

04-144B

ATTACHMENT C

SCOPE OF SERVICES

ENVIRONMENTAL SITE ASSESSMENT SERVICES

The Contractor shall provide environmental site assessment (ESA) services, on a task assignment basis, for the Department. These services may include, but not be limited to, the performance of all levels of environmental site assessments (i.e., Phase I, Phase II and updates) in compliance with the Division of State Lands' requirements (see Exhibits I, III, IV and V below); summarizing recommendations and conclusions; preparing recommendations and conclusions; remediation coordination; remediation activities; clerical staff assistance for environmental site assessment and related document processing, project assessment and remediation consultation.

All sampling and analyses performed under this Contract must conform to the requirements set forth in Chapter 62-160, Florida Administrative Code (F.A.C.) and the Quality Assurance Requirements for Department Contracts (see Attachment G).

The Contractor shall also be involved in the preparation of scopes of services for tasks to be assigned by the Department, **at no cost to the Department.** This may include compilation of information and products, and research and office work necessary for identification of tasks.

No minimum amount of work is guaranteed under this Contract.

Additional Services

The Contractor may be requested to provide additional services related to an environmental site assessment or remediation services, as deemed necessary by the Department. In the event that such additional services are needed, and based on the availability of funding, the Contractor shall be shall be compensated at rates mutually acceptable to the Department and the Contractor, as evidenced by an executed Task Assignment Notification or Task Assignment Change Order Form

Cost Proposals

The Department may issue informal cost proposal requests to its environmental site assessment contractors for specific projects to be conducted under a task assignment, although final selection for task assignment award may not be based solely on price. All cost proposals prepared by the Contractor must be submitted to the Department on or before the date and time set for receiving cost proposals in order to be considered for task assignment award.

Performance Measures:

Deliverables reviewed to ensure compliance requirements set forth in Chapter 62-160, Florida Administrative Code (F.A.C.) and the Quality Assurance Requirements for Department Contracts (see Attachment G).

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EXHIBIT I

STANDARDS FOR ENVIRONMENTAL SITE ASSESSMENT SERVICES

DIVISION OF STATE LANDS
INSTRUCTIONS FOR
ENVIRONMENTAL SITE ASSESSMENTS

SCOPE OF SERVICES REQUIRED IN PERFORMING THE PHASE I ENVIRONMENTAL SITE ASSESSMENT (PHASE I ESA)

The environmental site assessment of the property (Property) to be acquired by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (Board of Trustees) must meet the requirements of the Florida Department of Environmental Protection, Division of State Lands (DSL), Bureau of Land Acquisition (BLA). For purposes of performing the environmental site assessment, the term "hazardous materials" shall mean any hazardous or toxic substance, material or waste of any kind or any other substance which is designated pursuant to and/or regulated by any environmental law. The term "environmental law" shall mean any and all applicable federal, state, tribal or local laws, statutes, ordinances, rules, regulations or other governmental restrictions regulating, relating to, or imposing liability or standards of conduct concerning hazardous materials. In addition, the Contractor must comply with the most current American Society of Testing and Materials (ASTM) E 1527 standard. If the DSL standards and ASTM requirements for Phase I ESAs conflict, then the Contractor must perform to the more stringent of the requirements. Specifically, the Contractor must adhere to the current scope and limitations of ASTM Designation: E 1527-05; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The DSL required components and scope of the environmental site assessment beyond the above are as follows:

1. Requests for deviation from the DSL requirements as set forth must be approved in writing by the Division of State Lands prior to the issuance of a Task Assignment.

2. Certify the environmental site assessment to the Board of Trustees of the Internal Improvement Trust fund of the State of Florida and any other parties requested by DSL. If the report is not certified to the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida and other requested parties, the product will not be accepted. The certification shall state the following: (a) the date the Task Assignment was signed by the Contractor (also insert a copy of the signed Task Assignment in the report following the certification page); (b) the date the Contractor began the work on the ESA; (c) the environmental site assessment meets the requirements of the Department of Environmental Protection, Division of State Lands, the current ASTM E 1527 standard, and therefore the federal Environmental Protection Agency's All Appropriate Inquiry Rule; (d) the accuracy, correctness and completeness of the environmental site assessment is provided with the knowledge of the ASTM; and (e) the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida is entitled to rely on the information set forth in the environmental site assessment.

3. Determine if prior environmental site assessments have been done or any other environmental work and, if so, what it disclosed. Include all found information in the report as an Appendix for the independent review.

4. Contractor agrees to notify DSL immediately, or as soon as feasible, if any substantial problems of significant magnitude unfold or are discovered at any point during the Phase I ESA that impact the Subject Property.

5. Determine the potential existence of federal, state, tribal, and local environmental cleanup liens and Activity and Use Limitations (AUL) of enforcement actions against the Property. The Division of State Lands contracts with the Contractor to fulfill these obligations on behalf of the user(s)/DSL.

6. Identify adjoining property landowners.

7. Interview the applicable adjoining neighbors if it is determined by the Contractor that an adjoining landowner is involved in an industrial use (an activity requiring the application of labor and capital for the production or distribution of a product or

article, including, without limitation, manufacturing, processing, extraction, refining, warehousing, transportation, and utilities of hazardous substances or petroleum products), or if the adjoining site shows current or historical issues in the regulatory database search. Applicable sites would include gas stations; motor repair facilities; commercial printing facilities; dry cleaners; photo developing laboratories; junkyards or landfills; or waste treatment, storage, disposal, processing or recycling facilities. Interviewing residential neighbors is not necessary ***unless*** the Contractor has cause for concern.

8. Review and provide a summary of current and historical aerial photographs of the Property and surrounding area for an evaluation of prior and current use. Copies of the photography shall be placed in an appendix within the environmental site assessment for independent review.

9. Provide color photographs of the current site conditions in the ESA. All structures, wells, access roads and trail paths leading onto the Subject Property or impacting the Subject Property, areas of concern, items of concern (including trash sites, borrow pits, stressed vegetation and stained soil), business environmental risks, historical recognized environmental conditions, and recognized environmental conditions on the Property or impacting the Property shall be photographed. Enough photographs should be taken to show a good representation of the entire site's conditions. If access is available inside of each structure(s), enough photographs should be taken to show a good representation of the internal portion of the structure(s).
   a. Include the corresponding Longitude and Latitude of each photograph, and an ArcGIS shapefile which also includes the latitudes and longitudes in the attribute table, in the ESA report for all indicated areas.
   b. List manufacturer and model number of the GPS Unit used to collect data (i.e., Garmin GPS map 76).

10. Orient all photograph points on a site map to scale or current aerial photograph.

11. Estimate depth to groundwater and direction of groundwater flow.

12. List all data failures, as defined in the current ASTM E 1527 standard, and explain why they exist.

13. The environmental assessment report shall contain a discussion and evaluation of the relevance of all the components listed above and other findings of the ESA, along with definite conclusions and specific recommendations for further work the Contractor deems necessary as pertinent to the Subject Property.

14. Provide each report on double-sided pages.

15. Insert an aerial photograph or map of the entire Subject Property at the front of the report.

16. Provide a Table of Contents and page numbers in the ESA report.

17. Provide corresponding page numbers to the Contractor's Itemized Checklist (see Exhibit II), attached to the Task Assignment, and include a completed copy in the ESA.

18. Separate out appendices clearly in the report.

19. One (1) certified paper copy and four (4) certified CDs of the environmental site assessment shall be delivered to the DSL as set out below:

    (DEP Contract Manager)
    Bureau of Land Acquisition
    Department of Environmental Protection
    3900 Commonwealth Boulevard, Mail Station 115
    Tallahassee, Florida 32399

20. All professionals preparing or reviewing Environmental Site Assessments for the Division of State Lands are required to carry a minimum of $1,000,000 in professional liability insurance.

EXHIBIT II

CONTRACTOR'S ITEMIZED CHECKLIST

Phase I ESA (ASTM E 1527 and ASTM E 2247); Updated Phase I ESA (ASTM E 1527 and ASTM E 2247)

Directions: Please fill in each blank with the appropriate response. An appendix may be indicated instead of page number(s), if appropriate.

1) **YES/NO** _____ Have any requests for deviation to the DSL Scope of Services been approved?

2) **Page #** _____ Certification to the Board of Trustees, with subsections a, b, c, d, and e.

3) **Page #** _____ Determination of whether other or previous ESAs or environmental work has been performed at the Subject Property. If other ESAs or environmental work exists, state the Appendix in which copies of the previous ESAs or environmental work can be found in the report: **Appendix** _____

4) **Page #** _____ Determination of existing environmental liens and AULs on the Subject Property.

5) **Page #** _____ Adjoining property landowner identification.

6) **YES/NO** _____ Were any adjoining landowners interviewed? If so, what page number can this information be found on in the report? **Page #** _____

7) **Page #** _____ Summary of current and historical aerial photographs.

8) **Page #** _____ GPS points and GPS manufacturer and model.

9) **Page #** _____ Photograph points oriented on a site map to scale or current aerial photograph.

10) **Page #** _____ Groundwater information.

11) **Page #** _____ Data failure information.

12) **Page #** _____ Discussion and evaluation of findings, conclusions and recommendations.

EXHIBIT III

STANDARDS FOR ENVIRONMENTAL SITE ASSESSMENT SERVICES

DIVISION OF STATE LANDS
INSTRUCTIONS FOR
ENVIRONMENTAL SITE ASSESSMENTS

SCOPE OF SERVICES REQUIRED IN PERFORMING THE PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA) FOR FORESTLAND OR RURAL PROPERTY

The environmental site assessment of the property (Property) to be acquired by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (Board of Trustees) must meet the requirements of the Florida Department of Environmental Protection, Division of State Lands (DSL), Bureau of Land Acquisition (BLA). For purposes of performing the environmental site assessment, the term "hazardous materials" shall mean any hazardous or toxic substance, material or waste of any kind or any other substance which is designated pursuant to and/or regulated by any environmental law. The term "environmental law" shall mean any and all applicable federal, state, tribal or local laws, statutes, ordinances, rules, regulations or other governmental restrictions regulating, relating to, or imposing liability or standards of conduct concerning hazardous materials. In addition, the Contractor must comply with the most current American Society of Testing and Materials (ASTM) E 2247 standard. If the DSL standards and ASTM requirements for Phase I ESAs conflict, then the Contractor must perform to the more stringent of the requirements. Please see Contractor's Itemized Checklist (see Exhibit I), attached to the Task Assignment. Specifically, the Contractor must adhere to the current scope and limitations of ASTM Designation: E 2247-08; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property.

The DSL required components and scope of the environmental site assessment beyond the above are as follows:

1. Requests for deviation from the DSL requirements as set forth must be approved in writing by the Division of State Lands prior to the issuance of a Task Assignment.

2. Certify the environmental site assessment to the Board of Trustees of the Internal Improvement Trust fund of the State of Florida and any other parties requested by DSL. If the report is not certified to the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida and other requested parties, the product will not be accepted. The certification shall state the following: (a) the date the Task Assignment was signed by the Contractor (also insert a copy of the signed Task Assignment in the report following the certification page); (b) the date the Contractor began the work on the ESA; (c) the environmental site assessment meets the requirements of the Department of Environmental Protection, Division of State Lands, the current ASTM E 2247 standard, and therefore the federal Environmental Protection Agency's All Appropriate Inquiry Rule; (d) the accuracy, correctness and completeness of the environmental site assessment is provided with the knowledge of the ASTM; and (e) the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida is entitled to rely on the information set forth in the environmental site assessment.

3. Determine if prior environmental site assessments have been done or any other environmental work and, if so, what it disclosed. Include all found information in the report as an Appendix for the independent review.

4. Contractor agrees to notify DSL immediately, or as soon as feasible, if any substantial problems of significant magnitude unfold or are discovered at any point during the Phase I ESA that impact the Subject Property.

5. Determine the potential existence of federal, state, tribal, and local environmental cleanup liens and Activity and Use Limitations (AUL) of enforcement actions against the Property. The Division of State Lands contracts with the Contractor to fulfill these obligations on behalf of the user(s)/DSL.

6. Identify adjoining property landowners.

7. Interview the applicable adjoining neighbors if it is determined by the Contractor that an adjoining landowner is involved in an industrial use (an activity requiring the application of labor and capital for the production or distribution of a product or article, including, without limitation, manufacturing, processing, extraction, refining, warehousing, transportation, and utilities of hazardous substances or petroleum products), or if the adjoining site shows current or historical issues in the regulatory database search. Applicable sites would include gas stations; motor repair facilities; commercial printing facilities; dry cleaners; photo developing laboratories; junkyards or landfills; or waste treatment, storage, disposal, processing or recycling facilities. Interviewing residential neighbors is not necessary ***unless*** the Contractor has cause for concern.

8. Review and provide a summary of current and historical aerial photographs of the Property and surrounding area for an evaluation of prior and current use. Copies of the photography shall be placed in an appendix within the environmental site assessment for independent review.

9. Provide color photographs of the current site conditions in the ESA. All structures, wells, access roads and trail paths leading onto the Subject Property or impacting the Subject Property, areas of concern, items of concern (including trash sites, borrow pits, stressed vegetation and stained soil), business environmental risks, historical recognized environmental conditions, and recognized environmental conditions on the Property or impacting the Property shall be photographed. Enough photographs should be taken to show a good representation of the entire site's conditions. If access is available inside of each structure(s), enough photographs should be taken to show a good representation of the internal portion of the structure(s).
   a. Include the corresponding Longitude and Latitude of each photograph, and an ArcGIS shapefile which also includes the latitudes and longitudes in the attribute table, in the ESA report for all indicated areas.
   b. List manufacturer and model number of the GPS Unit used to collect data (i.e., Garmin GPS map 76).

10. Orient all photograph points on a site map to scale or current aerial photograph.

11. Estimate depth to groundwater and direction of groundwater flow.

12. List all data failures, as defined in the current ASTM E 2247 standard, and explain why they exist.

13. The environmental assessment report shall contain a discussion and evaluation of the relevance of all the components listed above and other findings of the ESA, along with definite conclusions and specific recommendations for further work the Contractor deems necessary as pertinent to the Subject Property.

14. Provide each report on double-sided pages.

15. Insert an aerial photograph or map of the entire Subject Property at the front of the report.

16. Provide a Table of Contents and page numbers in the ESA report.

17. Provide corresponding page numbers to the Contractor's Itemized Checklist (see Exhibit I), attached to the Task Assignment, and include a completed copy in the ESA.

18. Separate out appendices clearly in the report.

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19. One (1) certified paper copy and four (4) certified CDs of the environmental site assessment shall be delivered to the DSL as set out below:

(DEP Contract Manager)
Bureau of Land Acquisition
Department of Environmental Protection
3900 Commonwealth Boulevard, Mail Station 115
Tallahassee, Florida 32399

20. All professionals preparing or reviewing Environmental Site Assessments for the Division of State Lands are required to carry a minimum of $1,000,000 in professional liability insurance.

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EXHIBIT IV

STANDARDS FOR ENVIRONMENTAL SITE ASSESSMENT SERVICES

DIVISION OF STATE LANDS
INSTRUCTIONS FOR
UPDATED ENVIRONMENTAL SITE ASSESSMENTS

SCOPE OF SERVICES REQUIRED IN PERFORMING AN UPDATED PHASE I (ASTM E 1527 or E 2247) ENVIRONMENTAL SITE ASSESSMENT (ESA)

The updated environmental site assessment of the property (Property) to be acquired by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (Board of Trustees) must meet the requirements of the Florida Department of Environmental Protection, Division of State Lands (DSL), Bureau of Land Acquisition (BLA). For purposes of performing the environmental site assessment, the term "hazardous materials" shall mean any hazardous or toxic substance, material or waste of any kind or any other substance which is designated pursuant to and/or regulated by any environmental law. The term "environmental law" shall mean any and all applicable federal, state, tribal or local laws, statutes, ordinances, rules, regulations or other governmental restrictions regulating, relating to, or imposing liability or standards of conduct concerning hazardous materials. In addition, the Contractor must comply with the most current American Society of Testing and Materials (ASTM) E 1527 or current ASTM E 2247 standard, whichever is applicable to the update. If the DSL standards and ASTM requirements for Phase I ESAs conflict, then the Contractor must perform to the more stringent of the requirements. Please see the Contractor's Itemized Checklist which will be attached to the Task Assignment (see Exhibit II). Specifically, the Contractor must adhere to the current scope and limitations of ASTM Designation: E 1527-05; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, or ASTM Designation: E 2247-08, Standard Practice for Environmental Site Assessment Process for Forestland or Rural Property, whichever is applicable to the update.

The DSL required components and scope of the environmental site assessment beyond the above are as follows:

1. Requests for deviation from the DSL requirements as set forth must be approved in writing by the Division of State Lands prior to the issuance of a Task Assignment.

2. Certify the updated environmental site assessment to the Board of Trustees of the Internal Improvement Trust fund of the State of Florida and any other parties requested by DSL. If the updated ESA report is not certified to the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida and other requested parties, the product will not be accepted. The certification shall state the following: (a) the date the Task Assignment was signed by the Contractor (also insert a copy of the signed Task Assignment in the report following the certification page); (b) the date the Contractor began the work on the updated ESA; (c) the updated environmental site assessment meets the requirements of the Department of Environmental Protection, Division of State Lands, the current ASTM standard, and therefore the federal Environmental Protection Agency's All Appropriate Inquiry Rule; (d) the accuracy, correctness and completeness of the updated environmental site assessment is provided with the knowledge of the ASTM; and (e) the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida is entitled to rely on the information set forth in the updated environmental site assessment.

3. Determine if prior environmental site assessments have been done or any other environmental work and, if so, what it disclosed. Include all found information in the report as an Appendix for the independent review.

4. Contractor agrees to notify DSL immediately, or as soon as feasible, if any substantial problems of significant magnitude unfold or are discovered at any point during the Updated Phase I ESA that impact the Subject Property.

5. Determine the potential existence of federal, state, tribal, and local environmental cleanup liens and Activity and Use Limitations (AUL) of enforcement actions against the Property. The Division of State Lands contracts with the Contractor to fulfill these obligations on behalf of the user(s)/DSL.

6. Identify adjoining property landowners.

7. Interview the applicable adjoining neighbors if it is determined by the Contractor that an adjoining landowner is involved in an industrial use (an activity requiring the application of labor and capital for the production or distribution of a product or article, including, without limitation, manufacturing, processing, extraction, refining, warehousing, transportation, and utilities of hazardous substances or petroleum products), or if the adjoining site shows current or historical issues in the regulatory database search. Applicable sites would include gas stations; motor repair facilities; commercial printing facilities; dry cleaners; photo developing laboratories; junkyards or landfills; or waste treatment, storage, disposal, processing or recycling facilities. Interviewing residential neighbors is not necessary ***unless*** the Contractor has cause for concern.

8. Review and provide a summary of current and historical aerial photographs of the Property and surrounding area for an evaluation of prior and current use. Copies of the photography shall be placed in an appendix within the updated environmental site assessment for independent review.

9. Provide color photographs of the current site conditions in the updated ESA. All structures, wells, access roads and trail paths leading onto the Subject Property or impacting the Subject Property, areas of concern, items of concern (including trash sites, borrow pits, stressed vegetation and stained soil), business environmental risks, historical recognized environmental conditions, and recognized environmental conditions on the Property or impacting the Property shall be photographed. Enough photographs should be taken to show a good representation of the entire site's conditions. If access is available inside of each structure(s), enough photographs should be taken to show a good representation of the internal portion of the structure(s).
   a. Include the corresponding Longitude and Latitude of each photograph, and an ArcGIS shapefile which also includes the latitudes and longitudes in the attribute table, in the updated ESA report for all indicated areas.
   b. List manufacturer and model number of the GPS Unit used to collect data (i.e., Garmin GPS map 76).

10. Orient all photograph points on a site map to scale or current aerial photograph.

11. Estimate depth to groundwater and direction of groundwater flow.

12. List all data failures, as defined in the current ASTM standard, and explain why they exist.

13. The updated environmental assessment report shall contain a discussion and evaluation of the relevance of all the components listed above and other findings of the updated ESA, along with definite conclusions and specific recommendations for further work the Contractor deems necessary as pertinent to the Subject Property.

14. Provide each report on double-sided pages.

15. Insert an aerial photograph or map of the entire Subject Property at the front of the report.

16. Provide a Table of Contents and page numbers in the updated ESA report.

17. Provide corresponding page numbers to the Contractor's Itemized Checklist (see Exhibit II), attached to the Task Assignment, and include a completed copy in the updated ESA.

18. Separate out appendices clearly in the report.

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19. One (1) certified paper copy and four (4) certified CDs of the updated environmental site assessment shall be delivered to the DSL as set out below:

(DEP Contract Manager)
Bureau of Land Acquisition
Department of Environmental Protection
3900 Commonwealth Boulevard, Mail Station 115
Tallahassee, Florida 32399

20. All professionals preparing or reviewing Environmental Site Assessments for the Division of State Lands are required to carry a minimum of $1,000,000 in professional liability insurance.

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EXHIBIT V

DIVISION OF STATE LANDS
INSTRUCTIONS FOR
PHASE II ENVIRONMENTAL SITE ASSESSMENTS

STANDARDS FOR CONDUCTING PHASE II ENVIRONMENTAL SITE ASSESSMENT (PHASE II ESA)

1. Certify the Phase II environmental site assessment to the Board of Trustees of the Internal Improvement Trust fund of the State of Florida and any other parties requested by DSL. If the report is not certified to the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida and other requested parties, the product will not be accepted. The certification shall state the following: (a) the date the Task Assignment was signed by the Contractor and the due date (also insert a copy of the signed Task Assignment in the report following the certification page); (b) the Phase II environmental site assessment meets the requirements of the Department of Environmental Protection, Division of State Lands; (c) the accuracy, correctness and completeness of the Phase II environmental site assessment is provided with the knowledge of the Comprehensive Environmental Response Compensation And Liability Act as set forth in 42 U.S.C. Section 9601 et seq., as amended ("CERCLA"); and (d) the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida is entitled to rely on the information set forth in the Phase II environmental site assessment.

2. Requests for deviation from the DSL requirements as set forth must be approved in writing by the Division of State Lands prior to the issuance of a Task Assignment.

3. Contractor agrees to notify DSL immediately, or as soon as feasible, a) if any substantial problems of significant magnitude unfold or are discovered at any point during the Phase II ESA that impact the Subject Property, or b) if any new Recognized Environmental Conditions (RECs) that were not listed as an REC in the corresponding Phase I ESA are discovered during the course of the Phase II ESA.

4. Contractor agrees to communicate to DSL, by email and/or telephone, all of the data results once received from the laboratory prior to submittal of the written report.

5. Provide color photographs of the Phase II ESA work and any onsite conditions that may have changed since the Phase I ESA that may be of concern. Enough photographs should be taken to show a good representation of the site's RECs that are associated with the Phase II ESA.
   a) Orient all photographs on a site map to scale or current aerial photograph.

6. Provide correlating GPS points for all existing wells, sample points, monitor wells, and newly discovered recognized environmental conditions, items of concern or business environmental risks.
   a) Orient GPS points on a site map to scale or current aerial photograph.

7. All Phase II environmental site assessments shall be approved and certified by a professional engineer or professional geologist licensed by the State of Florida.

8. Submit a written report which shall include a description of the RECs identified in the Phase I ESA (any any other RECs identified during the course of the Phase II ESA), the correlating work performed; observations; all back up documentation including, but not limited to, the results of the laboratory analysis, waste manifests, receipts and chain of custody documentation; monitoring well construction data; findings; conclusions, and specific recommendations based on the conditions encountered during the assessment..

9. Provide each report on double-sided pages.

10. Insert an aerial photograph or map of the entire Subject Property at the front of the report.

11. Separate out appendices clearly in the report.

12. One (1) certified paper copy and four (4) certified CDs of the Phase II environmental site assessment shall be delivered to the DSL as set out below:

(DEP Contract Manager)
Bureau of Land Acquisition
Department of Environmental Protection
3900 Commonwealth Boulevard, Mail Station 115
Tallahassee, Florida 32399

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X3. USER QUESTIONNAIRE

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

- **Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? No, DSL looks to the ESA consultant to provide us with this information.**

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

- **Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? No, DSL looks to the ESA consultant to provide us with this information.**

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

- **As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? No.**

(4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

- **Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? Yes, DSL looks to the DSL approved value established by review and approval of the appraisal of said property by its Bureau of Appraisal. Total compensation to be provided for this property reasonably reflects the fair market value of the property.**

(5) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

- **Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,**

  (a) **Do you know the past uses of the *property*? No, DSL looks to the ESA consultant to determine past uses of the property.**

  (b) **Do you know of specific chemicals that are present or once were present at the *property*? No, the ESA consultant will find out through their research of the property, interviews, etc.**

  (c) **Do you know of spills or other chemical releases that have taken place at the *property*? No, the ESA consultant will find out through their research of the property, interviews, etc.**

  (d) **Do you know of any environmental cleanups that have taken place at the *property*? No, the ESA consultant will determine this through their research and regulatory record review of the property.**

(6) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

- **As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*? No.**

James Parker
Name *(Authorized User Representative)*

DSL Contract Manager
Title

Signature

January 13, 2021
Date

RE:

Project: *Seven Runs Creek Final Phase*
Property Owner: *Washington Crossing, LLC.*
Task Assignment No.: *PL269.022*

Appendix B

Legal Description/Environmental Lien Search

EXHIBIT "A"

PARCEL 1
Lots 1 and 2 of the original Government Survey, Section 13, Township 1 South, Range 17 West, Washington County, Florida.

PARCEL 2
The North ½ of the Northeast ¼; the Southwest ¼ of the Northeast ¼; the North ½ of the Southeast ¼; the Southeast ¼ of the Southeast ¼; the Southeast ¼ of the Southwest ¼; the Southwest ¼ of the Southeast ¼; the Northeast ¼ of the Northwest ¼; the Southwest ¼ of the Northwest ¼; the North ½ of the Southwest ¼; the Southwest ¼ of the Southeast ¼ of the Northwest ¼; and the East ½ of the Southeast ¼ of the Northwest ¼, all in Section 12, Township 1 South, Range 17 West, Washington County, Florida. Less and Except any portion that lies within the Road right of way.

LESS AND EXCEPT:
Commencing at the Northwest corner of the East ½ of the Southeast ¼ of the Northwest ¼ of Section 12, Township 1 South, Range 17 West, thence run East 295 feet; thence South 295 feet; thence run West 295 feet; thence run North 295 feet to the Point of Beginning. Being in part of the East ½ of the Southeast ¼ of the Northwest ¼ of Section 12, Township 1 South, Range 17 West, Washington County, Florida.

ALSO LESS AND EXCEPT:
The West 100.00 feet of the Southwest ¼ of the Northwest ¼ of Section 12, lying South of Strickland Road (unimproved county maintained road); and the West 100.00 feet of the Northwest ¼ of the Southwest ¼ of Section 12, all lying and being in Township 1 South, Range 17 West, Washington County, Florida.

PARCEL 3
The Southeast ¼ of the Northeast ¼ of Section 12, Township 1 South, Range 17 West, Washington County, Florida.

NOTE: This legal description is for appraisal purposes. There may be revisions based on a boundary survey and title insurance commitment of the property.

Seven Runs Creek
Washington Crossing LLC
Washington County

BSM
BY SK
Date: 1.22.2020

BOUNDARY SURVEY

TOTAL PARCEL AREA = 632.08 ACRES±

UPLAND AREA:
504.22 ACRES±
21,963,924 SQUARE FEET

JURISDICTIONAL AREA:
127.34 ACRES± (JOINT)
5,544,338 SQUARE FEET

0.52 ACRES± (A.C.O.E. ONLY)
22,861 SQUARE FEET

127.86 ACRES± TOTAL
5,567,199 SQUARE FEET

GRAPHIC SCALE
400' 0' 200' 400' 800' 1600'
(IN FEET)
1 inch = 400 ft.

CREWS LAKE ROAD
(20'± WIDE UNIMPROVED SAND/CLAY ROAD)
(PUBLICLY TRAVELED ROAD)

STRICKLAND ROAD
(20'± WIDE ASPHALT ROAD)
(PUBLICLY TRAVELED ROAD)

ENVIRONMENTAL ROAD
(20'± WIDE UNIMPROVED SAND/CLAY ROAD)
(PUBLICLY TRAVELED ROAD)

CREWS LAKE ROAD
(20'± WIDE UNIMPROVED SAND/CLAY ROAD)
(PUBLICLY TRAVELED ROAD)

S 88°14'53" E
1327.48'
FOUND 1/4" IRON PIPE
1.34 WEST AND 4.06 SOUTH
OF SET CORNER
END OF PAVEMENT
2654.95'
1327.48'
S 88°14'47" E - 2655.06'
1327.53'
1327.53'

SECTION 2 SECTION 1
SECTION 11 SECTION 12
SECTION 1 SECTION 6
SECTION 12 SECTION 7

(NOT INCLUDED)
NORTHWEST QUARTER OF
THE NORTHWEST QUARTER

NORTHEAST QUARTER OF THE NORTHWEST QUARTER

NORTH HALF OF THE NORTHEAST QUARTER

DETAIL
(SCALE: 1" = 40')
0.8'±
ROAD
32.1'±
TRAIL ROAD (10'± WIDE)

DETAIL
(SCALE: 1" = 40')
0.7'±
0.8'±
16.04'
ROAD
0.79'
TRAIL

N 01°47'13" E - 1325.96'
1325.49'
N 01°47'13" E - 2652.86'
1327.34'

STRICKLAND ROAD
(20'± WIDE UNIMPROVED SAND/CLAY ROAD)
(PUBLICLY TRAVELED ROAD)

DETAIL
(SCALE: 1" = 5')
0.65'
3.0'±
0.18
0.32'
APPROXIMATE EDGE OF TRAIL ROAD

N 01°50'58" E - 2650.98'
S 88°13'40" E - 1328.92'
664.46'
S 88°13'40" E
S 88°13'40" E 295.00'
S 01°45'20" W 295.00'
(NOT INCLUDED)
N 88°13'40" W 295.00'
N 88°13'04" W
664.82'
662.98'
N 01°47'13" E
1325.48'
TRAIL ROAD (10'± WIDE)
OHU
N 01°43'28" E - 2652.86'

100.00' WIDE GULF POWER COMPANY TRANSMISSION LINE RIGHT OF WAY

853'±
N 88°13'37" W - 1329.19'
729'±
S 01°39'09" W - 1326.88'
S 01°34'51" W - 2654.67'

SOUTHWEST QUARTER OF THE NORTHWEST QUARTER

SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER

EAST HALF OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER

SOUTHWEST QUARTER OF THE NORTHEAST QUARTER

(PARCEL 3)
SOUTHEAST QUARTER OF
THE NORTHEAST QUARTER

DETAIL
(SCALE: 1" = 5')
0.19'
0.80'
10.5'±
8.5'±
1.5'±
APPROXIMATE EDGE OF TRAIL ROAD
4' TALL FIELD WIRE FENCE

100.00'
80.00'
S 88°12'27" E - 2660.74'
S 88°12'27" E - 1330.85'
S 88°12'27" E - 2661.71'

SEE DETAIL AT LEFT

SECTION 12

502.79 ACRES±
(UPLAND)

NORTH HALF OF THE SOUTHWEST QUARTER

NORTH HALF OF THE SOUTHEAST QUARTER

0.52 ACRES±

DETAIL
(SCALE: 1" = 10')
0.36'
12.8'±
1.22'
0.10'
1.5'±
0.23'
APPROXIMATE EDGE OF TRAIL ROAD
4' TALL FIELD WIRE FENCE

LIMITS OF FLOOD ZONE AS SCALED FROM F.E.M.A. FLOOD INSURANCE RATE MAP

1.96 ACRES±

N 88°12'34" W - 1331.96'

N 01°51'41" E - 2653.51'
1326.76'
N 01°43'28" E - 2653.32'
1327.01'
S 01°36'17" W - 2654.01'

100.00' WIDE GULF POWER COMPANY TRANSMISSION LINE RIGHT OF WAY

0.07 ACRES±
(UPLAND)

FLOOD ZONE X
FLOOD ZONE A

37.11 ACRES±

SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER

SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER

3.74 ACRES±

2.38 ACRES±
POND

(NOT INCLUDED)
SOUTHWEST QUARTER OF
THE SOUTHWEST QUARTER

N 01°47'34" E - 1326.71'

DETAIL
(SCALE: 1" = 10')
DISTURBED
1.30'
0.50'
2.10'
0.50'
BROKEN AND DISTURBED

FOUND 1/2" CAPPED IRON ROD - L.S. #3642
0.87' EAST AND 0.68' NORTH OF FOUND
CONCRETE MONUMENT

3.45 ACRES±
(UPLAND)

0.11 ACRES±

69.85 ACRES±

1333.54'
1333.54'
1333.62'
1333.62'
N 88°12'42" W - 2667.09'
N 88°11'35" W - 2667.25'

SECTION 11 SECTION 12
SECTION 14 SECTION 13
SECTION 12 SECTION 7

REPLACED FOUND LIGHT WOOD STAKE WITH 4"x4" CONCRETE MONUMENT - L.B. #3724 (SEE SURVEY REPORT ITEM # 12)

APPROXIMATE LOCATION OF
TYLER FERRY ROAD
(20'± WIDE UNIMPROVED SAND/CLAY & GRAVEL ROAD)
(PUBLICLY TRAVELED ROAD)

0.40 ACRES±
(UPLAND)

GOVERNMENT LOT 1
S 02°09'05" W
438.20'
2754.20'
2119.78'
WITNESS LINE FOR CLOSURE ONLY
*** NOT A BOUNDARY LINE ***

5650'±
N 35°28'14" E - 1024.75'
S 02°03'22" W
902.49'
PINE LOG CREEK
30'±

(NOT INCLUDED)
GOVERNMENT LOT 3

GOVERNMENT LOT 2
0.29 ACRES±

N 01°59'25" E - 1795.31'
N 01°55'27" E - 2730.71'
TRAIL ROAD (6'± WIDE)

0.41 ACRES±
POND
POND
N 58°01'39" E - 1606.57'
CYPRESS LAKE
8.05 ACRES±

ONE-STORY WOOD FRAME RESIDENCE

ONE-STORY WOOD FRAME GUEST RESIDENCE AND BARN

SHORELINE NOT RE-VERIFIED SINCE 06/04

SECTION 13

S 88°17'07" E - 5323.56'

TOWNSHIP 1 SOUTH, RANGE 17 WEST
TOWNSHIP 1 SOUTH, RANGE 16 WEST
S 02°09'05" W - 2723.05'
SECTION 13
SECTION 18

DETAIL
(SCALE: 1" = 200')
N 56°36'58" E
24.49'
N 62°22'19" E
91.90'
N 01°50'58" E - 599.39'
S 01°50'58" W - 658.63'
LESS AND EXCEPT PARCEL (ACCESS PARCEL)
N 01°51'41" E - 1326.76'
S 01°51'41" W - 1326.75'
N 88°12'34" W
100.00'

REVISED CERTIFICATIONS 05/28/08
SURVEY HAS NOT BEEN FIELD
VERIFIED SINCE 02/08/07.

CERTIFIED TO:
FIRST AMERICAN TITLE INSURANCE COMPANY
MATTHEWS & HAWKINS, P.A.
INTERNATIONAL FUNDING CORPORATION
TONTO, LLC
MICKEY WHITAKER

DESCRIPTION:

PARCEL 1

LOTS 1 AND 2 OF THE ORIGINAL GOVERNMENT SURVEY, SECTION 13, TOWNSHIP 1 SOUTH, RANGE 17 WEST WASHINGTON COUNTY, FLORIDA.

PARCEL 2

THE NORTH HALF (N1/2) OF THE NORTHEAST QUARTER (NE1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHEAST QUARTER (NE1/4); THE NORTH HALF (N1/2) OF THE SOUTHEAST QUARTER (SE1/4); THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHEAST QUARTER (SE1/4); THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHEAST QUARTER (SE1/4); THE NORTHEAST QUARTER (NE1/4) OF THE NORTHWEST QUARTER (NW1/4); THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHWEST QUARTER (NW1/4); THE NORTH HALF (N1/2) OF THE SOUTHWEST QUARTER (SW1/4); THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHWEST QUARTER (NW1/4); AND THE EAST HALF (E1/2) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHWEST QUARTER (NW1/4) ALL IN SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST WASHINGTON COUNTY, FLORIDA. LESS AND EXCEPT ANY PORTION THAT LIES WITHIN THE ROAD RIGHT-OF-WAY.

LESS AND EXCEPT: ("NOT INCLUDED" PARCEL)

COMMENCING AT THE NORTHWEST CORNER OF THE EAST HALF (E1/2) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST, THENCE RUN EAST 295 FEET, THENCE RUN SOUTH 295 FEET, THENCE RUN WEST 295 FEET, THENCE RUN NORTH 295 FEET TO THE POINT OF BEGINNING. BEING IN AND A PART OF THE EAST HALF (E1/2) OF THE SOUTHEAST QUARTER (SE1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA.

AND ALSO LESS AND EXCEPT: (ACCESS PARCEL)

THE WEST 100.00 FEET OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 12, LYING SOUTH OF STRICKLAND ROAD (UNIMPROVED COUNTY MAINTAINED ROAD); AND THE WEST 100.00 FEET OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 12, ALL LYING AND BEING IN TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA.

PARCEL 3

THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 1 SOUTH, RANGE 17 WEST WASHINGTON COUNTY, FLORIDA.

SURVEY REPORT:

1. BEARINGS SHOWN HEREON ARE BASED ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 1 SOUTH RANGE 17 EAST BEING SOUTH 88 DEGREES 14 MINUTES 47 SECONDS EAST, AND ARE FURTHER REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE N.A.D. 1983.
2. THIS PARCEL IS LOCATED IN FLOOD ZONE X, NO MINIMUM FLOOR ELEVATION REQUIRED AND IN ZONE A, NO BASE FLOOD ELEVATIONS DETERMINED, AS DETERMINED BY SCALE FROM F.E.M.A. MAP NUMBER 12133C0300 C, PANEL 300 OF 350, DATED JUNE 17, 1991, WASHINGTON COUNTY, FLORIDA.
3. ENVIRONMENTAL JURISDICTION LINES SHOWN HEREON WERE DETERMINED BY BIOLOGICAL RESEARCH ASSOCIATES. HOWEVER, NO DETERMINATION OF WETLANDS WAS PERFORMED WITHIN PARCEL 3.
4. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE OR TITLE INSURANCE POLICY. NO SEARCH OF THE PUBLIC RECORDS WAS PERFORMED BY EMERALD COAST ASSOCIATES INC.
5. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF WALTON COUNTY, FLORIDA.
6. APPARENT USES ARE AS SHOWN.
7. NO STRUCTURAL FOUNDATIONS BELOW THE SURFACE OF THE GROUND WERE LOCATED.
8. GRAPHIC SYMBOLISM OF CORNER MONUMENTATION, UTILITIES, SIGNS, ETCETERA, ARE EXAGGERATED FOR CLARITY AND ARE NOT TO SCALE. THE CENTER POINT OF WHICH IS ACCURATELY PLOTTED TO SCALE AND/OR DIMENSIONED THERETO.
9. NO UNDERGROUND UTILITIES OR UTILITY LINES WERE LOCATED.
10. INTERNAL INPROVEMENTS WERE NOT LOCATED, EXCEPT AS SHOWN.
11. THE PROVIDED DESCRIPTION FOR PARCEL 2, EXCEPTS ANY PORTION OF THAT PARCEL LYING WITHIN THE ROAD RIGHT OF WAY. NO ADDITIONAL DOCUMENTATION AS TO THE LOCATION OF ANY ROAD RIGHT OF WAYS WAS PROVIDED TO THE UNDERSIGNED SURVEYOR. NO DETERMINATION OF ROAD RIGHT OF WAYS, OTHER THAN THE PHYSICAL LOCATION OF THE PUBLIC ROADS AS SHOWN HEREON, CAN BE ACCOMPLISHED WITHOUT FURTHER INFORMATION BEING PROVIDED.
12. THE LIGHT WOOD STAKE AT THE SOUTHWEST CORNER OF SECTION 12 WAS BADLY WEATHERED AND BEEN PREVIOUSLY DISTURBED AND WAS LEANING OVER. IN AN ATTEMPT TO STRAIGHTEN THE STAKE BACK UP IT BROKE OFF AT GROUND LEVEL. UPON DIGGING AROUND THE BASE OF THE STAKE A BENT OVER 1" IRON GUARD PIPE WAS DISCOVERED DIRECTLY NORTH AND APPROXIMATELY 0.5' FEET OF THE BASE OF THE STAKE. THE LIGHT WOOD STAKE WAS THEN STRAIGHTENED UP AND WAS REPLACED BY A 4"x4" CONCRETE MONUMENT MARKED "ECA LB #3724".

LEGEND:

- ⊠ ..... FOUND 4"x4" CONCRETE MONUMENT - L.B. #2372
- ■ ..... FOUND 4"x4" CONCRETE MONUMENT - NO IDENTIFICATION
- ⊛ ..... FOUND 4"x4" CONCRETE MONUMENT WITH BRASS DISK- NO IDENTIFICATION
- ⊘ ..... FOUND 1/2" CAPPED IRON ROD - L.B. #2372
- ◕ ..... FOUND 5/8" CAPPED IRON ROD - L.B. #2294
- ⊗ ..... FOUND 1" IRON PIPE - NO IDENTIFICATION
- ● ..... FOUND 1/2" IRON ROD - NO IDENTIFICATION
- ⊙ ..... FOUND 60d SPIKE NAIL - NO IDENTIFICATION
- ⊡ ..... SET 4"x4" CONCRETE MONUMENT - L.B. #3724
- ⊞ ..... SET 4"x4" CONCRETE MONUMENT - L.B. #3724 (WITNESS)
- ⊙ ..... FOUND 1/2" CAPPED IRON ROD - L.B. #3724
- ◉ ..... SET 1/2" CAPPED IRON ROD (WITNESS) - L.B. #3724
- ✓ ..... UTILITY POLE
- F.D.E.P. ..... FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
- A.C.O.E. ..... UNITED STATES ARMY CORPS OF ENGINEERS
- F.E.M.A. ..... FEDERAL EMERGENCY MANAGEMENT AGENCY
- OHP ..... OVERHEAD POWER LINE
- OHU ..... OVERHEAD UTILITY LINE
- R/W ..... RIGHT OF WAY
- ℄ ..... CENTERLINE
- L.S. ..... LAND SURVEYOR
- L.B. ..... LAND SURVEYOR BUSINESS
- ' ..... MINUTES OR FEET
- ° ..... DEGREES
- " ..... SECONDS OR INCHES
- & ..... AND
- # ..... NUMBER
- ± ..... MORE OR LESS
- -/- ..... NOT TO SCALE

..... JOINT F.D.E.P. AND A.C.O.E. JURISDICTIONAL AREA

..... A.C.O.E. ONLY JURISDICTIONAL AREA

DATE	REVISION	BY
02/08/07	RESURVEYED (MP) (ORDER #07-0069)	2/2/07
04/06/06	REMOVED ACCESS PARCEL ON WEST BOUNDARY	
01/25/05	ADDED PARCEL 3. (FCR)	
01/06/05	ADDED APPROXIMATE LOCATION OF TYLER FERRY ROAD	

EMERALD COAST ASSOCIATES, INC.
4636 GULFSTARR DRIVE
DESTIN, FLORIDA 32541
(850) 837-8242 (PHONE)

SCALE: 1"= 400'	FIELD BOOK(S): BOOK 1753, PAGE 30 (R.H.) BOOK 1602, PAGES 1-59 (R.H.) BOOK 1599, PAGES 11-17 (L.F.) BOOK 1657, PAGE 35 (RI)
DRAWN BY: DLL	
PROJECT: 01-144	FIELD DATE: 06/25/04
ORDER: 04-0557	DWG. DATE: 06/25/04
FILE: G:\04\04-144\04-144br.dwg	

BOUNDARY SURVEY OF A PORTION OF SECTIONS 12 AND 13, TOWNSHIP 1 SOUTH, RANGE 17 WEST, WASHINGTON COUNTY, FLORIDA.

REQUESTED BY: MICKEY WHITAKER
FOR: FRANKLIN H. WATSON, P.A.

THE SURVEY SHOWN HEREON, PREPARED IN ACCORDANCE WITH SECTION 472.027 FLORIDA STATUTES AND CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, MINIMUM TECHNICAL STANDARDS, IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Dexter L. Lundy 6/25/04

DEXTER L. LUNDY FLORIDA LICENSED SURVEYOR AND MAPPER # 5620
EMERALD COAST ASSOCIATES, INC., L.B. #3724

04-144B

G:\04\04-144\04-144br.dwg, Survey, Mike, May 28, 2008 - 10:25:41am

Environmental Lien Search & Activity/Use Limitation Report | 2021

Order Number: 49631
Report Generated: 01/19/2020

Seven Runs Creek
Washington Co. School District
Ebro, FL

2 Corporate Drive Suite 450
Shelton, CT 06484

Toll Free: 866-211-2028
www.envirositecorp.com

Environmental Lien Search & AUL Report *2021*

Envirosite's Environmental Lien & Activity/Use Limitation Report is a screening tool designed to assist in evaluating past use of a specific parcel (s) and includes a review of the local land records for liens and AULs.

RESEARCH SUMMARY:

The following research sources were consulted in the preparation of this report:

Washington County Assessor

Washington County Clerk of Circuit Court

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SUBJECT PROPERTY ASSESSMENT: WASHINGTON COUNTY SCHOOL DISTRICT

PARCEL NOS. 00000000-00-6194-0001; 00000000-00-6186-0000; 00000000-00-6186-0003

DEEDS/CERT. OF TITLE

Grantee(s):	Washington Crossing, LLC
Conveys:	Parcels of Land
	Date Executed: December 13, 2007
	Date Recorded: December 14, 2007
	Book 757Page 472
Note:	Copy attached as Exhibit “A”

EXAMINER’S NOTE:

Public Records of Washington County, Florida were searched from December 13, 2007 to January 18, 2021, and no other deeds vesting title in the subject property were found of record during the period searched.

ENVIRONMENTAL LIENS:

Public Records of Washington County, Florida were searched from December 13, 2007 to January 18, 2021, and no environmental liens on the subject property were found of record during the period searched.

,

ACVITITY & USE LIMITATIONS:

Public Records of Washington County, Florida were searched from December 13, 2007 to January 18, 2021, and no activity and use limitations on the subject property were found during the period searched.

LEGAL DESCRIPTION:

Legal description included in the deed provided in Exhibit “A.:

EXHIBIT A

IN THE CIRCUIT COURT OF THE FOURTEENTH JUDICIAL CIRCUIT IN AND FOR WASHINGTON COUNTY, FLORIDA

WASHINGTON CROSSING, LLC,
Plaintiff,

v. CASE NO.: 67-06-CA-000280

PINE LOG CREEK, LLC,
MICKEY WHITAKER, and
GUS GOLDSMITH,
Defendants.
_____/

CERTIFICATE OF TITLE

The undersigned clerk of the court certifies that he or she executed and filed a Certificate of Sale in this action on **December 3, 2007**, for the property described herein and that no objections to the sale have been filed within the time allowed for filing objections.

The following property in Washington County, Florida:

LEGAL DESCRIPTION ATTACHED AS EXHIBIT "A"

was sold to Washington Crossing LLC 401 Cityline Ave. Suite 710 Bala Cynwood PA. 19004

WITNESS my hand and the seal of the court on this 13 day of Dec, 2007.

LINDA HAYES COOK
CLERK OF COURTS

By: K. McDaniel
DEPUTY CLERK

Inst:200767010403 Date:12/14/2007 Time:9:24 AM
Doc Stamp-Deed:14000.70
DC,Linda H. Cook,Washington County B:757 P:472

[CLERK'S CERTIFICATE OF MAILING ON FOLLOWING PAGE]

CLERK'S CERTIFICATE OF MAILING

Copies furnished to:

Louis Long, Jr., Esq.
Chesser & Barr, P.A.
1201 Eglin Parkway
Fort Walton Beach, Florida 32579

Samuel B. Taylor, Esq.
Matthews & Hawkins, P.A.
4475 Legendary Drive
Destin, Florida 32541

John Dowd, Jr., Esq.
Dowd Law Firm, P.A.
285 Harbor Boulevard, Suite A
Destin, Florida 32541

LINDA HAYES COOK,
CLERK OF COURTS

By: _____
DEPUTY CLERK

Exhibit "A"

Parcel 1

Lots 1 and 2 of the original Government Survey, Section 13, Township 1 South, Range 17 West, Washington County, Florida.

Parcel 2

The North half of the Northeast Quarter; the Southwest Quarter of the Northeast Quarter; the North half of the Southeast Quarter; the Southeast Quarter of the Southeast Quarter; the Southeast Quarter of the Southwest Quarter; the Southwest Quarter of the Southeast Quarter; the Northeast Quarter of the Northwest Quarter; the Southwest Quarter of the Northwest Quarter; the North half of the Southwest Quarter; the Southwest Quarter of the Southeast Quarter of the Northwest Quarter; and the East half of the Southeast Quarter of the Northwest Quarter, all in Section 12, Township 1 South, Range 17 West, Washington County, Florida. Less and except any portion that lies within the Road right-of-way.

LESS AND EXCEPT:
Commencing at the Northwest Corner of the East half of the Southeast Quarter of the Northwest Quarter of Section 12, Township 1 South, Range 17 West, thence run East 295 feet; thence South 295 feet; thence run West 295 feet; thence run North 295 feet to the Point of Beginning. Being in and a part of the East half of the Southeast Quarter of the Northwest Quarter of Section 12, Township 1 South, Range 17 West, Washington County, Florida.

ALSO LESS AND EXCEPT:
The West 100.00 feet of the Southwest Quarter of the Northwest Quarter of Section 12, lying South of Strickland Road (unimproved county maintained road); and the West 100.00 feet of the Northwest Quarter of the Southwest Quarter of Section 12, all lying and being in Township 1 South, Range 17 West, Washington County, Florida.

PARCEL 3
The Southeast Quarter of the Northeast Quarter of Section 12, Township 1 South, Range 17 West, Washington County, Florida.

Appendix C

NRCS Custom Soil Resource Report for Orange Hammock Ranch LLC

United States Department of Agriculture

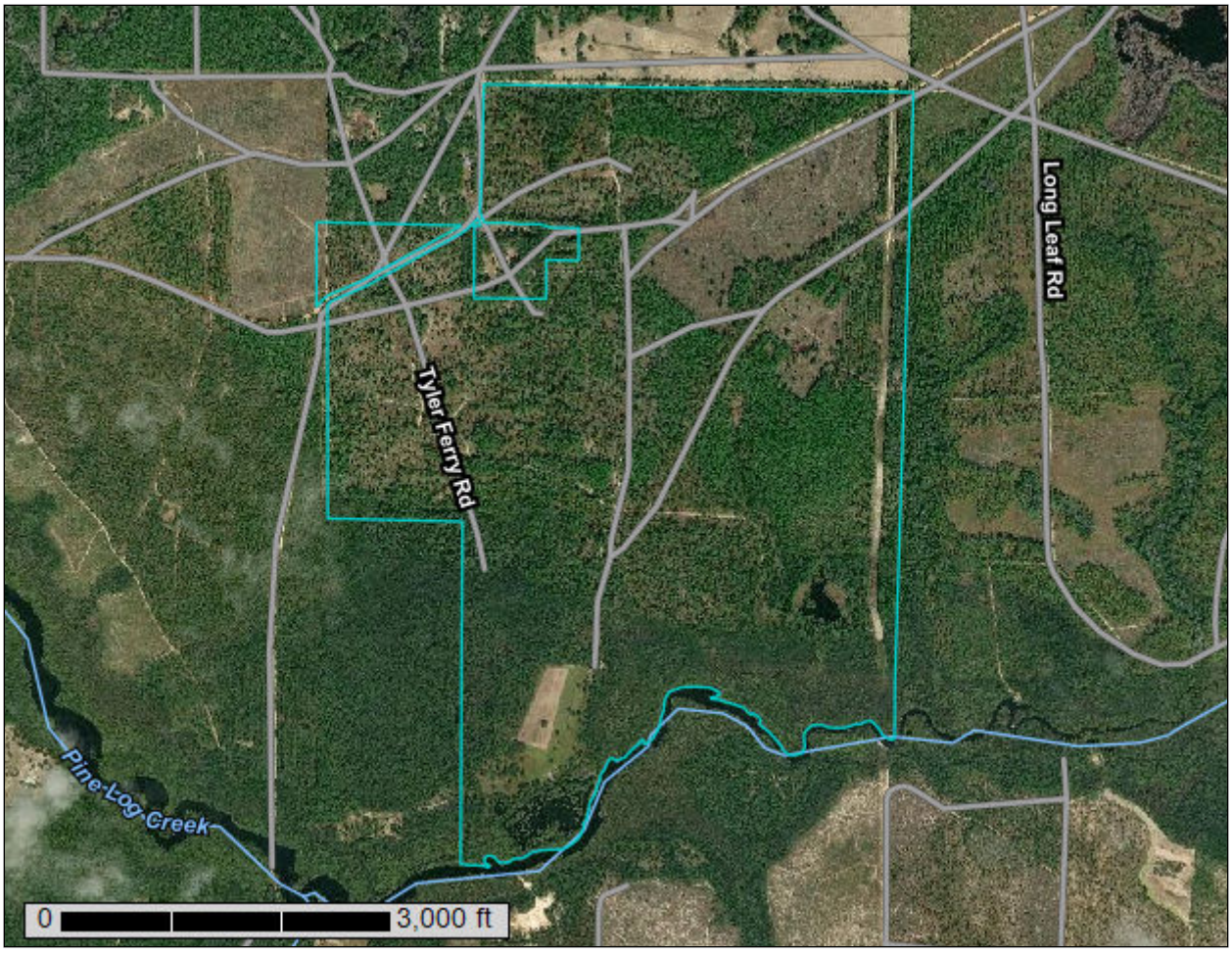
NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Washington County, Florida

Subject_Parcel_Seven_Runs_Creek_Washington_Crossing



January 18, 2021

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

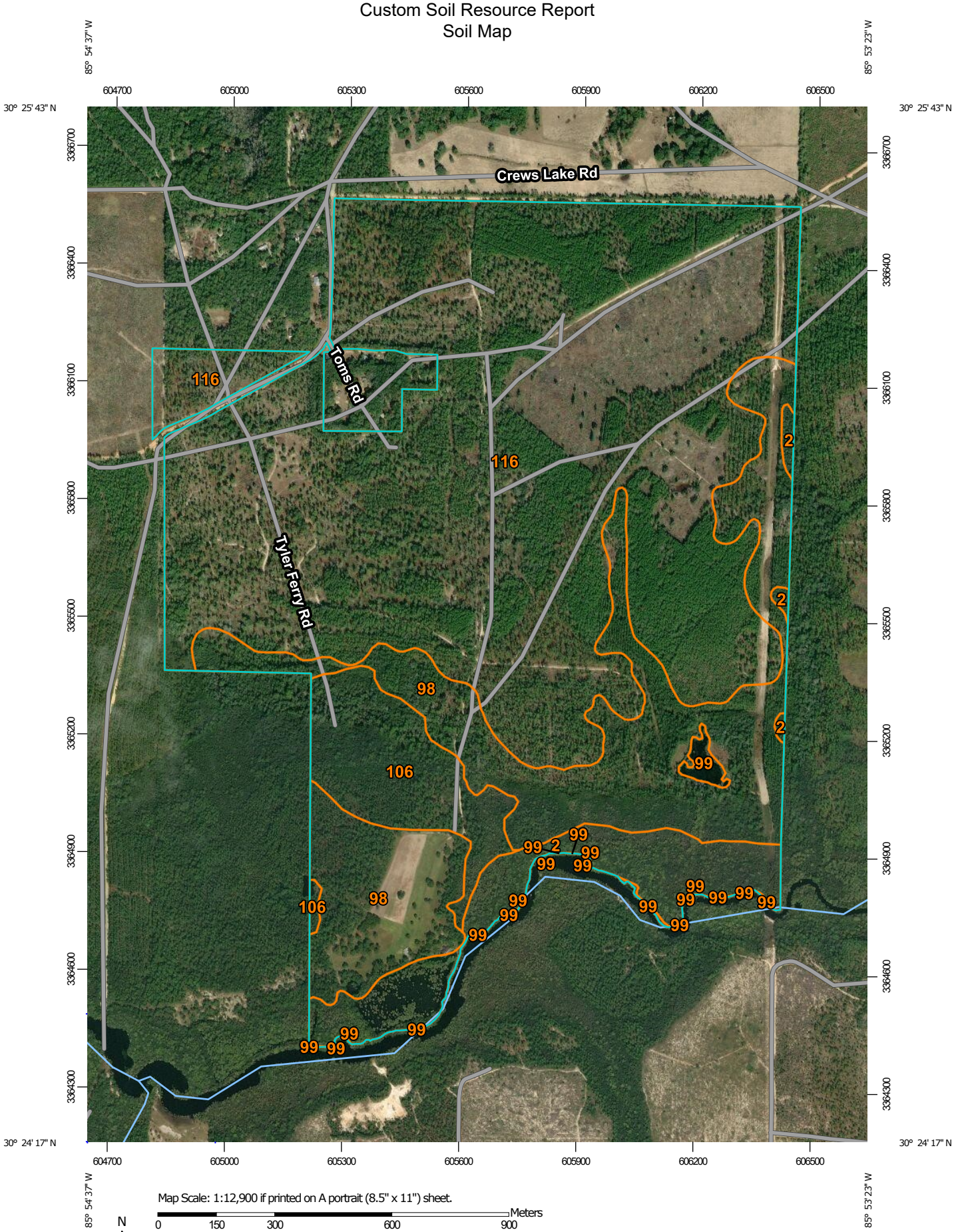
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Washington County, Florida
Survey Area Data: Version 17, Jun 12, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Dec 10, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2	Rutlege, Pickney and Pamlico soils, frequently flooded	41.1	6.5%
98	Rutlege loamy fine sand, depressional	136.0	21.6%
99	Water	2.7	0.4%
106	Pantego and Clara soils, ponded	36.9	5.9%
116	Blanton-Lakeland complex, 0 to 5 percent slopes	411.9	65.5%
Totals for Area of Interest		**628.5**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Washington County, Florida

2—Rutlege, Pickney and Pamlico soils, frequently flooded

Map Unit Setting

National map unit symbol: 1vpys
Elevation: 10 to 210 feet
Mean annual precipitation: 55 to 70 inches
Mean annual air temperature: 63 to 72 degrees F
Frost-free period: 223 to 295 days
Farmland classification: Not prime farmland

Map Unit Composition

Rutlege and similar soils: 40 percent
Pickney and similar soils: 25 percent
Pamlico and similar soils: 19 percent
Minor components: 16 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rutlege

Setting

Landform: Drainageways on marine terraces, flood plains on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Sandy marine deposits and/or fluviomarine deposits

Typical profile

A - 0 to 10 inches: loamy sand
Cg - 10 to 80 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: A/D
Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Description of Pickney

Setting

Landform: Drainageways on marine terraces, flood plains on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Sandy marine deposits and/or fluviomarine deposits

Typical profile

A - 0 to 20 inches: loamy sand
Cg - 20 to 80 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: A/D
Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Description of Pamlico

Setting

Landform: Depressions on marine terraces, flood plains on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Concave, linear
Across-slope shape: Concave
Parent material: Herbaceous organic material over sandy marine deposits

Typical profile

Oa - 0 to 40 inches: muck
Cg - 40 to 80 inches: sand

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)

Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: Frequent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Very high (about 15.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7w
Hydrologic Soil Group: A/D
Forage suitability group: Organic soils in depressions and on flood plains (G133AA645FL)
Other vegetative classification: Organic soils in depressions and on flood plains (G133AA645FL)
Hydric soil rating: Yes

Minor Components

Dorovan

Percent of map unit: 6 percent
Landform: Flood plains on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Organic soils in depressions and on flood plains (G133AA645FL)
Hydric soil rating: Yes

Leon

Percent of map unit: 4 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: sandy soils on flats of mesic or hydric lowlands (G133AA141FL)
Hydric soil rating: No

Plummer

Percent of map unit: 3 percent
Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Bibb

Percent of map unit: 3 percent
Landform: Flats on flood plains on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G133AA345FL)

Hydric soil rating: Yes

98—Rutlege loamy fine sand, depressional

Map Unit Setting

National map unit symbol: 2lhtm
Elevation: 10 to 250 feet
Mean annual precipitation: 54 to 70 inches
Mean annual air temperature: 63 to 73 degrees F
Frost-free period: 230 to 295 days
Farmland classification: Not prime farmland

Map Unit Composition

Rutlege, depressional, and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rutlege, Depressional

Setting

Landform: Depressions on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Sandy marine deposits

Typical profile

A - 0 to 15 inches: loamy fine sand
Cg - 15 to 80 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: FrequentOccasional
Frequency of ponding: Frequent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: A/D

Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Other vegetative classification: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Minor Components

Clara

Percent of map unit: 13 percent
Landform: Depressions on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Other vegetative classification: North Florida Flatwoods (R133AY004FL), Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Bibb

Percent of map unit: 5 percent
Landform: Flood plains on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G133AA345FL)
Hydric soil rating: Yes

Pamlico

Percent of map unit: 4 percent
Landform: Depressions on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Other vegetative classification: Organic soils in depressions and on flood plains (G133AA645FL)
Hydric soil rating: Yes

Leon

Percent of map unit: 2 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R133AY004FL), sandy soils on flats of mesic or hydric lowlands (G133AA141FL)
Hydric soil rating: No

Plummer, hydric

Percent of map unit: 1 percent
Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R133AY004FL), Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

99—Water

Map Unit Composition

Water: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Water

Interpretive groups

Land capability classification (irrigated): None specified
Forage suitability group: Forage suitability group not assigned (G133AA999FL)
Other vegetative classification: Forage suitability group not assigned (G133AA999FL)
Hydric soil rating: Unranked

106—Pantego and Clara soils, ponded

Map Unit Setting

National map unit symbol: 2lhv4
Elevation: 0 to 220 feet
Mean annual precipitation: 54 to 67 inches
Mean annual air temperature: 63 to 73 degrees F
Frost-free period: 230 to 295 days
Farmland classification: Not prime farmland

Map Unit Composition

Pantego and similar soils: 55 percent
Clara and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pantego

Setting

Landform: Depressions on marine terraces
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Loamy marine deposits

Typical profile

A - 0 to 18 inches: sandy loam
Btg - 18 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: B/D
Forage suitability group: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G133AA345FL)
Other vegetative classification: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G133AA345FL)
Hydric soil rating: Yes

Description of Clara

Setting

Landform: Depressions on marine terraces, flood plains on marine terraces
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 6 inches: sand
E - 6 to 20 inches: fine sand
Bw - 20 to 60 inches: fine sand
C - 60 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: None
Frequency of ponding: Occasional
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Moderate (about 6.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: A/D
Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)

Other vegetative classification: North Florida Flatwoods (R133AY004FL), Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Minor Components

Chipley
Percent of map unit: 10 percent
Landform: Rises on marine terraces
Landform position (three-dimensional): Rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Sandy soils on rises and knolls of mesic uplands (G133AA131FL)
Hydric soil rating: No

Leon
Percent of map unit: 3 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R133AY004FL), sandy soils on flats of mesic or hydric lowlands (G133AA141FL)
Hydric soil rating: No

Plummer, hydric
Percent of map unit: 1 percent
Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R133AY004FL), Sandy soils on stream terraces, flood plains, or in depressions (G133AA145FL)
Hydric soil rating: Yes

Bibb
Percent of map unit: 1 percent
Landform: Flats on flood plains on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Loamy and clayey soils on stream terraces, flood plains, or in depressions (G133AA345FL)
Hydric soil rating: Yes

116—Blanton-Lakeland complex, 0 to 5 percent slopes

Map Unit Setting
National map unit symbol: 2lhtr

Elevation: 20 to 300 feet
Mean annual precipitation: 59 to 67 inches
Mean annual air temperature: 64 to 72 degrees F
Frost-free period: 265 to 295 days
Farmland classification: Not prime farmland

Map Unit Composition

Blanton and similar soils: 50 percent
Lakeland and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Blanton

Setting

Landform: Ridges on marine terraces, hills on marine terraces
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: sand
E - 6 to 56 inches: sand
Bt1 - 56 to 61 inches: sandy loam
Bt2 - 61 to 80 inches: sandy loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)
Depth to water table: About 42 to 66 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 3.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2s
Hydrologic Soil Group: A
Forage suitability group: Sandy soils on rises, knolls, and ridges of mesic uplands (G133AA121FL)
Other vegetative classification: Longleaf Pine-Turkey Oak Hills (R133AY002FL), Sandy soils on rises, knolls, and ridges of mesic uplands (G133AA121FL)
Hydric soil rating: No

Description of Lakeland

Setting

Landform: Hills on marine terraces
Landform position (two-dimensional): Shoulder, summit

Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy eolian deposits and/or marine deposits

Typical profile

A - 0 to 7 inches: sand
C - 7 to 80 inches: sand

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: A
Forage suitability group: Sandy soils on ridges and dunes of xeric uplands (G133AA111FL)
Other vegetative classification: Longleaf Pine-Turkey Oak Hills (R133AY002FL), Sandy soils on ridges and dunes of xeric uplands (G133AA111FL)
Hydric soil rating: No

Minor Components

Foxworth

Percent of map unit: 10 percent
Landform: Hills on marine terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Longleaf Pine-Turkey Oak Hills (R133AY002FL), Sandy soils on rises, knolls, and ridges of mesic uplands (G133AA121FL)
Hydric soil rating: No

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Appendix D

List of Adjoining Property Owners

TIITF/AGR-DIV FORESTRY
% DEP-3900 COMMONWEALTH BLVD
MAIL STATION 108
TALLAHASSEE, FL 32399

WASHINGTON CROSSING LLC
8820 COLUMBIA 100 PKWY STE 400
COLUMBIA, MD 21045

BISHOP TRUDELL ESTATE
5551 STRICKLAND RD
EBRO, FL 32437

BOWDEN MELISA A
1749 N ST HWY 87
SAMSON, AL 36477

BOYD THOMAS J JR & JUDY D EST
5772 STRICKLAND RD
EBRO, FL 32437

CIITF/AGR.-DIV FORESTRY
PINE LOG ST. FOREST
% DEP-3900 COMMONWEALTH BLVD
TALLAHASSEE, FL 32399

DEVER MITCH & SARAH
PO BOX 9811
PANAMA CITY BEACH, FL 32417

MC NEELY MARY JOYCE
% DONNA ADAMS
571 WHITEROCK RD
ITALY, TX 76651

PEREZ DANNY D & CELLIE Y
PO BOX 159
EBRO, FL 32437

SHEFFIELD LAND LTD
1363 HERITAGE MANOR DR
JACKSONVILLE, FL 32207

SUGGS MICHAEL J
113 STEPHENS LN
CRESTVIEW, FL 32539

SUGGS REX T & VERNNEL ESTATES
5664 TOMS RD
EBRO, FL 32437

SUMMER PATH LLC
PO BOX 700
DOTHAN, AL 36302

TIITF/AGR-DIV FORESTRY
% DEP-3900 COMMONWEALTH BLVD
MAIL STATION 108
TALLAHASSEE, FL 32399

WAITS TAMMY & ANNIE MOON
PO BOX 293
PONCE DE LEON, FL 32455

WASHINGTON CROSSING LLC
8820 COLUMBIA 100 PKWY STE 400
COLUMBIA, MD 21045

WEEKS FLORINE
5788 STRICKLAND RD
EBRO, FL 32437

WILKERSON CHARLES
5674 TOMS RD
EBRO, FL 32437

WILLIAMSON HEATHER
521 CLAREON DR
SEACREST, FL 32461

DEVER MITCH & SARAH
PO BOX 9811
PANAMA CITY BEACH, FL 32417

TIITF/AGR-DIV FORESTRY
% DEP-3900 COMMONWEALTH BLVD
MAIL STATION 108
TALLAHASSEE, FL 32399

WASHINGTON CROSSING LLC
8820 COLUMBIA 100 PKWY STE 400
COLUMBIA, MD 21045

Appendix E

Additional Survey Reports (Microbial and Radon Surveys)

Ericks Environmental Consulting
EricksEnvironmental@IndoorAirQualityMatters.Com
Cindy G Ericks, Owner

IndoorAirQualityMatters.Com
WE CARE

Mold Consult & Protocol Report

Date:	February 8, 2021
Date of Inspection:	February 2, 2021
Client:	Northstar Contracting Group
Subject Property:	5845 Tyler Ferry Road, Ebro, Florida (WASHINGTON CO.)
Property Type:	Rural/Single Family Dwellings (2) Mobile Home & SFD
Site Assessors:	☐ Kevin O'Keefe, MRSA 2394 ☒ Cindy Ericks MRSA721

SCOPE OF SERVICES:

●Limited visual interior (heated and cooled area and attic) inspection for visible signs of mold or moisture. **CONDITIONS OBSERVED AT THE TIME OF INSPECTION ONLY**

●Testing for mold (solely) including laboratory analysis and overnight Fed Ex/UPS fees.

●Humidity and moisture readings.

●Mold consult/protocol report.

HISTORY REPORTED BY CLIENT: Due diligence inspection

OBSERVATIONS:

Building 1: Heavy mold damage to ceiling surfaces and one bathroom vanity. Light surface mold generally.

Building 2: Heavy mold damage throughout the building.

BIOARESOL and SURFACE SAMPLING*:
Sampling for airborne and/or surface fungal spores was performed using standard procedures outlined by the American Industrial Hygiene Association, and in general accordance with accepted practices in the field of industrial hygiene. Collected samples were forwarded to AEML, for analysis. AEML is AIHA-accredited (EMLAP) for the analysis of fungal samples.

SAMPLES

On February 2, 2021 Air-O-Cell spore trap air samples were collected from outdoors and indoor locations as follows:

1. Outside
2. Bldg. 1: Living Area-R
3. Bldg. 1: Living Area -L
4. Bldg. 1: Swab surface
5. Bldg. 2: Swab surface
6. Bldg. 1: Swab surface

Elevated mold levels are as follows: ALL samples are elevated: Penicillium/Aspergillus and Cladosporium (common outdoor molds, but, too high indoors; Chaetomium mold (indicative of water damaged building materials. THE BUILDINGS SHOULD NOT BE ENTERED WITHOUT RESPIRATORY, EYE AND SKIN PROTECTION.

The laboratory report is attached for review.

CONCLUSIONS: Mold remediation is required per **Florida 468 Statute**. This requires that a State Licensed Mold Remediator perform the remediation and that a State Licensed Mold Assessor clear the project once the remediation is complete and prior to occupancy.

1. Areas of remediation must be contained. Containment means that the areas affected will be SEALED OFF and ONLY ACCESSED by the trained remediation professionals working on the project. NO unauthorized persons will be allowed in the space until the mold assessor has cleared the area with visual inspection and testing (if prescribed). There are many reasons for limiting the number of individuals into the space. We want to prevent cross-contamination to other areas of the building and allow the remediator to have complete control of the space; other persons entering the space may, unknowingly, bring mold spores into the space carried with them from another location or part of the building. **This could result in a failure of the post remediation sampling and additional costs to the client.** If there are ANY questions about this requirement, please contact your remediator or assessor for clarification
2. Protocol on next page is required to be followed fully. **ANY questions** contact assessor please. Be certain to review the "expectations" for the post inspection before ordering the post inspection.

S P E C I F I C S I T E P R O T O C O L

BUILDING 1: Single Family - YB 1985 2363 s.f.

1. Remove furnishings/contents to a climate-controlled space outside of the home; clean.

2. PLEASE PAY CLOSE ATTENTION TO THIS PROTOCOL **AS WELL AS THE OVERVIEW INFORMATION** ON THE FOLLOWING PAGE REQUIRED ON **ALL PROJECTS**.

3. NO FOGGING OF ANYTHING unless first discussed with Assessor and, CERTAINLY, do not use fogging as THE method to remove the mold from the substrate.

4. Containment Areas: Not required. Consider containing off the rooms with heavy ceiling removal but it is not required. The whole home will require cleaning.

5. HEPA air scrubbers and dehumidifiers: MUST BE USED AND HUMIDITY MUST BE MAINTAINED @ OR BELOW 50% DURING REMEDIATION – **HEPA inside AND outside of containmen**t once the demolition is completed.

6. Seal HVAC vent openings in all contained rooms prior to demolition or cleaning.

7. **Licensed HVAC contractor** clean system in its entirety-**entirety means**: fan motor, cage, interior walls, wires, coil, outside panels and joint connections; clean ducts IF cleanable and replace ducts if not cleanable. All HVAC work must be performed within the scope of mold remediation and be ready for inspection for the clearance appointment, otherwise, HVAC will not be included in the final clearance. IF DUCTS REQUIRE REPLACEMENT, REMOVAL OF EXISTING DUCTS MUST BE PERFORMED WITHIN THE DEMOLITION PHASE AND BEFORE ANY CLEANING.

8. Removal of specific building materials are required. Materials must be removed 2' beyond any visible mold (in any direction). The following materials in the following rooms must be removed, double-bagged inside containment and discarded.

   ☒ Damaged ceilings, walls and insulation 2' beyond visible mold. Remove all damaged sub flooring (will be visible once carpet is removed).

   ☒ Carpet, pad, tact strips throughout home; check by sliding glass doors additional damage that may only be visible after removing the carpet.

   ☒ Damaged vanities.

BUILDING 2: Single Family – Mobile Home YB 1974 900s.f.

9. Remove and properly discard all contents including appliances.

10. Remove and properly discard all floor coverings, walls and ceilings, insulation, doors, trim, bathroom vanities and kitchen cabinets.

11. Carefully inspect wall framing, ceiling framing and sub flooring for any additional damage that may be present. Call for guidance if needed.

12. Clean all cavities/framing, surfaces, fixtures, doors, trim, cabinetry (inside and out), appliances: HEPA vacuum, wipe with anti-microbial then, perform another HEPA vacuum as the last action before the clearance inspection will be performed.

13. Wall or Ceiling Framing: Once thoroughly cleaned with anti-microbial, apply a generous coating of CLEAR Fiberlock 6100. **PLEASE DO NOT SKIP THIS STEP AS IT MAY RESULT IN A FAILED CLEARANCE INSPECTION.**

14. NEVER cover wall framing with plastic: assessor MUST see all wall cavities on post inspection.

15. ALWAYS remove damaged building materials 2' beyond any visible mold (this includes examining cavities upward or downward.

16. ALWAYS call assessor if additional damage is discovered so the protocol can be expanded.

17. NEVER overlook potential hidden damage (especially around bath tubs, air conditioners, water heaters, other plumbing supply or drain lines, previously leaking windows and doors as it could cause failure of post remediation testing and inspection and additional fees for inspection will be required.)

18. NEVER install new building materials until clearance inspection and written confirmation are received that the project may go forward.

MOLD PROTOCOL: OVERVIEW INCLUDES PPE AND OTHER IMPORTANT INFO REQUIRED ON EVERY JOB.

General Mold Remediation Comments/Guidelines:

1. Buildings constructed prior to 1978 may require asbestos or lead based paint evaluation by a licensed evaluator. Address this PRIOR to removing any building materials-fines can be steep (by local and federal authorities).

2. Hire a state licensed mold remediator per Florida Statutes.

3. Mold remediation workers to wear appropriate PPE to include skin and eye protection and respirator.
4. Properly bag and discard mold damaged materials.
5. Use only EPA registered cleansing agent for the removal of mold from porous and non-porous surfaces.
6. Use professional HEPA air scrubbing machines during remediation both inside and outside of the contained area(s).
7. Change filters on scrubbers to manufacturers specifications.
8. Protect all spaces from infiltration of outdoor air (including attic and foundation crawlspace ONLY) with use of sealed plastic as needed.
9. **Dehumidification equipment must be used** as necessary to **maintain <55%** RH **through entire project** and until HVAC system and/or other mechanisms are in place to maintain this rate on their own.
10. Contained areas should remain accessible to only trained and properly protected individuals with supervision by licensed mold remediator exclusively.
11. Multiple rooms may be sealed off in one containment unless, otherwise, instructed but will usually require a minimum wipe down or HEPA vacuuming (minimally) in said contained areas as well as containment or removal of content items.
12. *No ceiling or wall cavities that are not directly exposed to outside air should be sealed off after remediation as cleaned cavities will need to be inspected by the assessor.*
13. Air scrubbers can be turned off any time prior to the post remediation testing and inspection. Dehumidification equipment must continue to be used as necessary to maintain <55% RH through entire project and until HVAC system and/or other mechanisms are in place to maintain this rate on their own.

14. **Post Remediation Guidelines:**
15. *●Target for pass in each area tested:*
16. *●Total spore count less than 1,000 spores m³.*
17. *●Inside count no greater outside reading*
18. *●Will not exceed original assessment levels.*
19. *● No elevated Penicillium Aspergillus*
20. *●Cladosporium, Alteraria, Curvularia, Ulocladium, Ganodema no greater than 200 each.*
21. *●No Stachybotrys, Chaetomium, Memnoniella, Fusarium & Trichoderma at any levels.*
22. *●Debris rating 3 or lower.*
23. *●Humidity well controlled.*
24. *●HEPA scrubbers inside and outside of containment.*
25. ***●No dust or debris on any surfaces.***

◇Schedule post inspection in advance AND prior to installing new building materials.

Additional fees apply to return to the property for post remediation clearance inspection and testing.

Other recommendations include replacing the electrical service panel in the mobile home; there is a safety recall on this panel (this was not within the scope of the inspection and if a detailed building inspection is required, please let us know).

It has been a pleasure to serve your needs. Please let us know if you have any questions.

Thank you,



Cindy G. Ericks, Owner
Ericks Environmental Consulting
2991 Alexis Court
Tallahassee, Florida 32308
850.556.8888
cindygericks@gmail.com

Certified Mold Assessor, State of Florida: MRSA721
OSHA Hazwoper 40 Trained
Certified Radon Testing Technician, State of Florida, R1549
Certified Home Inspector, State of Florida, HI2259

Attached: ◇Photographs ◇Laboratory Report

**Mold sampling is a tool-strictly. If performed for this inspection: capturing mold in an air sample is largely dictated by movement of air in a given space and subject to pressure changes inside rooms, wall cavities, ceiling cavities, floor cavities and HVAC systems. The lack of evidence of mold spores discovered in a sampling does not mean that no mold spores are present; it means that no mold spores were present in the sample. The presence of mold in a sample does mean that mold is, in fact, present.*

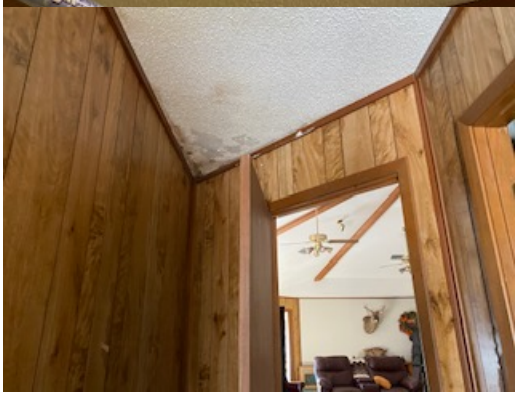
Photographs:

BUILDING 1:















SHOWERS



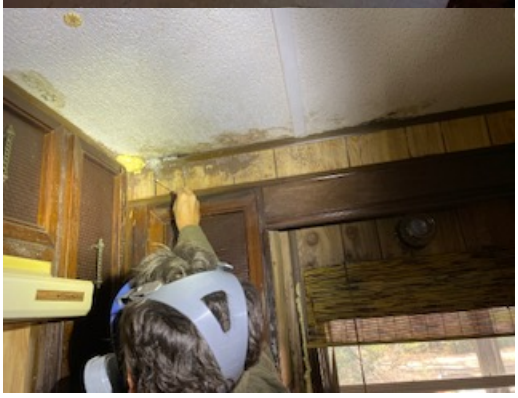


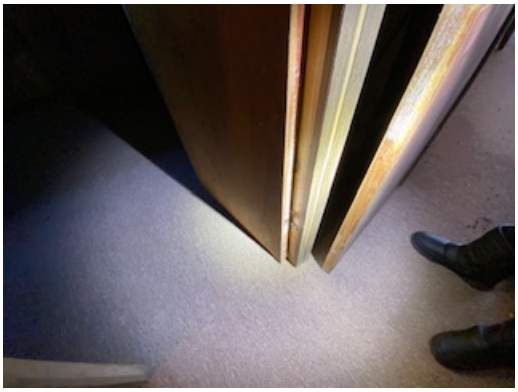
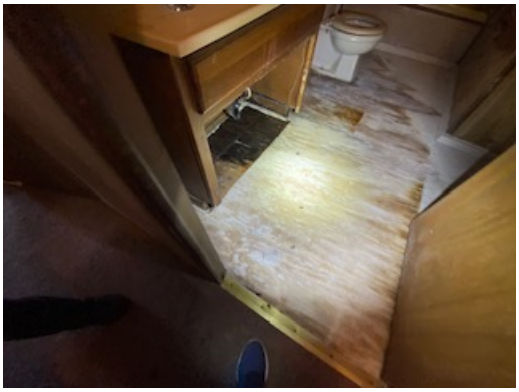
BUILDING 2: Mobile Home

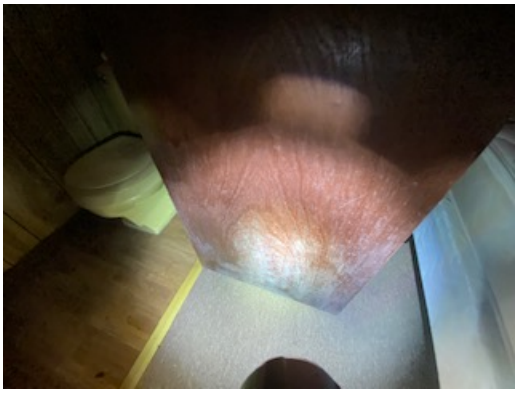


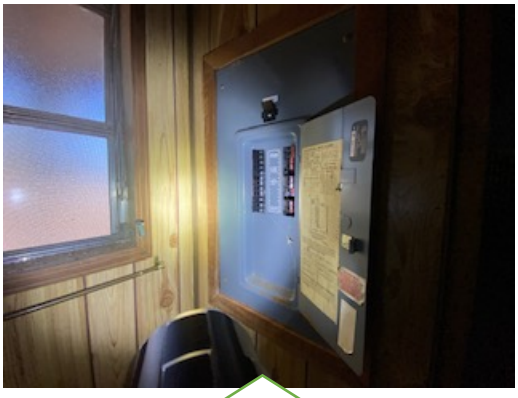
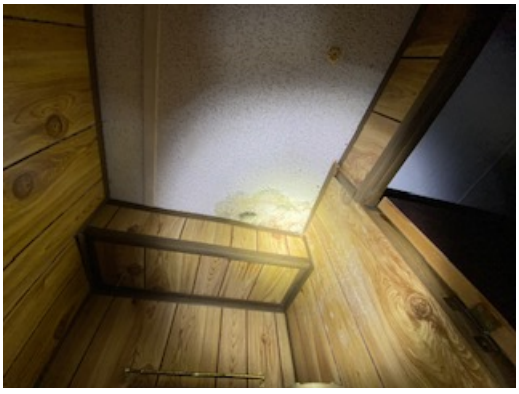




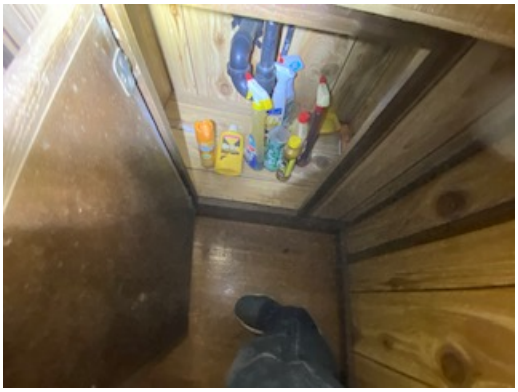


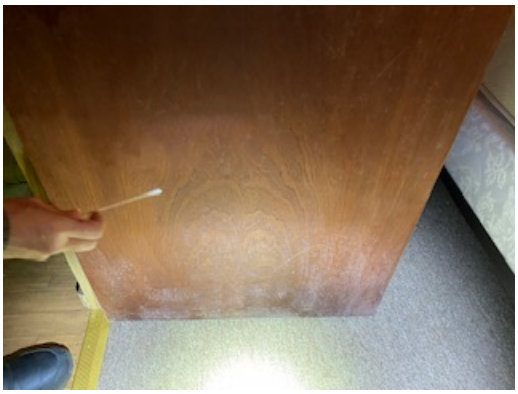



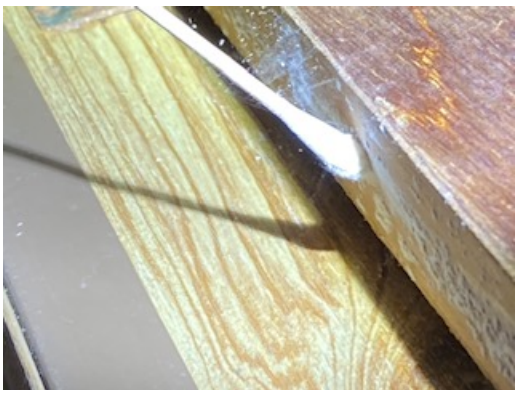



There is a safety recall on this Federal Pacifice Stab Lok Service Panel
















CHAIN OF CUSTODY/ANALYSIS REQUEST

Project # / Job #: 304274

AEML, Inc. Microbiology Laboratories
1301 E. Atlantic Blvd., Suite 5
Pompano Beach, FL 33060
Phone: 954-333-8149
Fax: 954-333-8151
www.aemlinc.com

Page ____ of ____

Company: Ericks Environmental Consulting	Sampled By: Cindy Ericks	Payment Type: ☑ On Account ☐ Credit Card ☐ Check
Contact Name: Cindy Ericks	Project/Site Name: 5845 TYLER FERRY ROAD	Credit Card Type: ☐ Visa ☑ Master Card ☐ Amex ☐ Discover
Address: 2991 Alexis Court	Project #:	Credit Card #: ON FILE
City: Tallahassee State: FL Zip: 32308	P.O. #:	Name on Card (Print):
Phone #: 8505568888 Fax #:	Report (circle): ☑ E-Mail ☐ Fax ☐ Both	Signature:
E-mail: cindygericks@gmail.com	Sample Type: A = Air W = Water T = Tape S = Swab B = Bulk	Turn Around Time (Rush charges may apply) Standard ____ Other ____

Analysis Requested (Enter "X" Below to indicate request)

Exp. Date: ___/___

Sample #:	Sample Identification	Date	Sample Type	Volume (Air)	Area (Swabs)	A001	S001	T001	A002	S002	T002					For Lab Use Only Sample Numbers
1	Outside 3207 6729	2/2/21	A	75		✓										01
2	LR-MBR@LR 3207 6774	"	A	75		✓										02
3	DINING 3207 6734	"	A	75		✓										03
4	BR-Ceiling S01	"	S		1sq in		✓									04
5	HVAC Return S02	"	S		1sq in		✓									05
6	TR Bathroom S03	"	S		1sq in		✓									06
7	TR Kitchen S04	"	S		1sq in		✓									07
8	TR MB door S05	"	S		1sq in		✓									08
9																
0																

Special Instructions/Requirements:

Date	Time	Relinquished By	Company	Received By	Company	Good Condition
2/2/21	4:00	Cindy Ericks	Ericks Environmental			Yes No
						Yes No
2.3.21	950		fedex	[signature]	AEML	(Yes) No

Analysis performed is subject to AEML, Inc. Standard Terms and Conditions unless otherwise specified by contract between client and AEML, Inc.

Cindy Ericks
Ericks Environmental Consulting
2991 Alexis Court
Tallahassee,FL 32308
(850) 556-8888

AEML, Inc.
601 E. Atlantic Blvd.
Pompano Beach, FL 33060
Phone: (954) 333-8149
Fax: (954) 333-8151
email: customerservice@aemlinc.com

Project: 5845 Tyler Ferry Road

Batch: 304274

Sampled: 2/2/2021
Received: 2/3/2021
Analysis Date: 2/3/2021
Report Date: 2/3/2021

AEML Test: A001 Spore Trap Analysis

Sample ID:	304274-01	304274-02	304274-03
Client Sample ID:	Outside 32076729	LR-MBR @ LR 32076774	Dining 32076734
Volume Sampled (L):	75	75	75
Media:	Air-O-Cell	Air-O-Cell	Air-O-Cell
Percent of Trace Analyzed:	100% at 600X Magnification	100% at 600X Magnification	100% at 600X Magnification

Spore Types	Raw Count	Count/m³	%	Raw Count	Count/m³	%	Raw Count	Count/m³	%
Alternaria	—	—	—	—	—	—	—	—	—
Arthrinium	—	—	—	—	—	—	—	—	—
Ascospores	1	13	17	11	147	2	1	13	1
Aspergillus/Penicillium-Like	—	—	—	410	5,467	85	122	1,627	85
Basidiospores	2	27	33	5	67	1	—	—	—
Bipolaris/Dreschlera	—	—	—	—	—	—	—	—	—
Botrytis	—	—	—	—	—	—	—	—	—
Chaetomium	—	—	—	3	40	1	1	13	1
Cladosporium	1	13	17	37	493	8	7	93	5
Curvularia	—	—	—	2	27	<1	2	27	1
Epicoccum	—	—	—	1	13	<1	—	—	—
Fusarium	—	—	—	—	—	—	—	—	—
Ganoderma	—	—	—	—	—	—	1	13	1
Memnoniella	—	—	—	—	—	—	—	—	—
Nigrospora	—	—	—	—	—	—	—	—	—
Oidium/Peronospora	—	—	—	—	—	—	—	—	—
Pithomyces	—	—	—	2	27	<1	1	13	1
Rust	—	—	—	—	—	—	—	—	—
Smut/Myxomyces/Periconia	2	27	33	12	160	2	8	107	6
Stachybotrys	—	—	—	—	—	—	—	—	—
Torula	—	—	—	—	—	—	—	—	—
Ulocladium	—	—	—	—	—	—	—	—	—
Unidentified Spores	—	—	—	—	—	—	—	—	—
Total Spores	**6**	**80**		**483**	**6,440**		**143**	**1,907**	
Hyphal Fragments	—	—		11	147		8	107	
Pollen	—	—		1	13		1	13	
Debris Rating	2			3			3		
Detection Limit	13			13			13		

Joshua Krinsky
Technical Director

Results submitted pertain only to the samples as presented on the accompanying Chain of Custody.
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ACCREDITED TESTING CERT #2572.01

Cindy Ericks
Ericks Environmental Consulting
2991 Alexis Court
Tallahassee,FL 32308
(850) 556-8888

AEML, Inc.
601 E. Atlantic Blvd.
Pompano Beach, FL 33060
Phone: (954) 333-8149
Fax: (954) 333-8151
email: customerservice@aemlinc.com

Project: 5845 Tyler Ferry Road

Batch: 304274

Sampled: 2/2/2021
Received: 2/3/2021
Analysis Date: 2/3/2021
Report Date: 2/3/2021

AEML Test: S001 Swab Analysis

Sample ID:	304274-04	304274-05	304274-06	304274-07
Client Sample ID:	BR-Ceiling S01	HVAC Return S02	TR Bathroom S03	TR Kitchen S04
Area Swabbed (cm^2):	6.45	6.45	6.45	6.45
Media:	Swab	Swab	Swab	Swab
Sample Analysis:	Analyzed at 600X Magnification	Analyzed at 600X Magnification	Analyzed at 600X Magnification	Analyzed at 600X Magnification

Spore Types	Raw Count	Count/cm²	%	Raw Count	Count/cm²	%	Raw Count	Count/cm²	%	Raw Count	Count/cm²	%
Alternaria	—	—	—	—	—	—	—	—	—	—	—	—
Arthrinium	—	—	—	—	—	—	—	—	—	—	—	—
Ascospores	—	—	—	46	285	11	—	—	—	—	—	—
Aspergillus/Penicillium-Like	212	1,315	3	350	2,171	85	62,408	387,026	94	42,390	262,884	100
Basidiospores	—	—	—	6	37	1	—	—	—	—	—	—
Bipolaris/Dreschlera	—	—	—	—	—	—	—	—	—	—	—	—
Botrytis	—	—	—	—	—	—	—	—	—	—	—	—
Chaetomium	—	—	—	—	—	—	3,968	24,608	6	—	—	—
Cladosporium	35	217	1	10	62	2	—	—	—	—	—	—
Curvularia	—	—	—	—	—	—	—	—	—	—	—	—
Epicoccum	—	—	—	—	—	—	—	—	—	—	—	—
Fusarium	—	—	—	—	—	—	—	—	—	—	—	—
Ganoderma	—	—	—	2	12	<1	—	—	—	—	—	—
Memnoniella	—	—	—	—	—	—	—	—	—	—	—	—
Nigrospora	—	—	—	—	—	—	—	—	—	—	—	—
Oidium/Peronospora	—	—	—	—	—	—	—	—	—	—	—	—
Pithomyces	—	—	—	—	—	—	—	—	—	—	—	—
Rust	—	—	—	—	—	—	—	—	—	—	—	—
Smut/Myxomyces/Periconia	—	—	—	—	—	—	—	—	—	—	—	—
Stachybotrys	6,241	38,704	96	—	—	—	—	—	—	—	—	—
Torula	—	—	—	—	—	—	—	—	—	—	—	—
Ulocladium	—	—	—	—	—	—	—	—	—	—	—	—
Unidentified Spores	—	—	—	—	—	—	—	—	—	—	—	—
Total Spores	**6,488**	**40,236**		**414**	**2,567**		**66,376**	**411,634**		**42,390**	**262,884**	
Hyphal Fragments	1,531	9,495		14	87		12,952	80,322		871	5,402	
Detection Limit	73			12			73			73		

Joshua Krinsky
Technical Director

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Pompano Beach, FL 33060
Phone: (954) 333-8149
Fax: (954) 333-8151
email: customerservice@aemlinc.com

Project: 5845 Tyler Ferry Road

Batch: 304274

Sampled: 2/2/2021
Received: 2/3/2021
Analysis Date: 2/3/2021
Report Date: 2/3/2021

AEML Test: S001 Swab Analysis

Sample ID:	304274-08
Client Sample ID:	TR MB Door S05
Area Swabbed (cm^2):	6.45
Media:	Swab
Sample Analysis:	Analyzed at 600X Magnification

Spore Types	Raw Count	Count/cm²	%
Alternaria	—	—	—
Arthrinium	—	—	—
Ascospores	—	—	—
Aspergillus/Penicillium-Like	44,745	277,488	100
Basidiospores	—	—	—
Bipolaris/Dreschlera	—	—	—
Botrytis	—	—	—
Chaetomium	—	—	—
Cladosporium	—	—	—
Curvularia	—	—	—
Epicoccum	—	—	—
Fusarium	—	—	—
Ganoderma	—	—	—
Memnoniella	—	—	—
Nigrospora	—	—	—
Oidium/Peronospora	—	—	—
Pithomyces	—	—	—
Rust	—	—	—
Smut/Myxomyces/Periconia	—	—	—
Stachybotrys	—	—	—
Torula	—	—	—
Ulocladium	—	—	—
Unidentified Spores	—	—	—
Total Spores	**44,745**	**277,488**	
Hyphal Fragments	130	806	
Detection Limit	73		

Joshua Krinsky
Technical Director

Results submitted pertain only to the samples as presented on the accompanying Chain of Custody.
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ACCREDITED TESTING CERT #2572.01

RADON PROFESSIONAL SERVICES, INC.

February 5, 2021

Northstar Contracting Group

Below are the results of the radon measurement(s) taken at the property indicated below. The results are based on a short-term test and are not to be interpreted as a measure of the annual average or of the actual occupant(s) exposure or attendant health risk.

Property Tested:	5845 Tyler Ferry Road, Ebro, FL 32437
Start Measurement:	February 2, 2021 at 11:00am
End Measurement:	February 4, 2021 at 11:00am
Measurement Tech:	Cindy Ericks FL-R1549
FL Business Cert#:	RB0252, Radon Professional Services, Inc.
Detector Type Used:	Sun Nuclear Professional Model 1027, Continuous Radon Gas
Integration period:	One hour
Analysis Lab:	Radon Professional Services, NRPP 10194 AL
Test conditions:	No tampering or deviations from the required test conditions were observed.
Recommendation:	**No action required since radon level is below 4.0 pCi/L.**

The following results reflect test(s) conducted in accordance with EPA homes protocol.

	Detector ID	Location of Detector	Radon	Hours
Bldg 1	38991107	Right Rear Bedroom - House	0.3 pCi/L	48
	41514074	Left Rear Bedroom - House	0.3 pCi/L	48
Bldg 2	41514076	Living Room – Mobile Home	0.4 pCi/L	48

The radon measurements were performed under the "single test option" using monitors with the capability to integrate and record a new result at hourly intervals as set forth in the current protocols recommended by the U.S. Environmental Protection Agency for testing in homes. The measurement consists of at least one test location for every 2,000 square feet of ground or below ground occupied space lasting a minimum of 48 hours. All individual test results are herein reported for your information.

The recommendations for remedial action are based on the average of the one hour increments for each area of 2,000 square feet. If the average is equal to or greater than 4 pCi/L, remedial action is recommended. The reliability of the instrument is determined by frequent instrument calibration and performance checks. Unless otherwise advised, the measurements conducted are considered valid results which represent the average radon concentrations present during the time period the measurement was performed.

****

This notice is provided to you by an organization or individual certified by the Florida Department of Health to perform radon or radon progeny measurements or radon mitigation services. Any questions, comments, or complaints regarding the persons performing these measurements or mitigation services may be directed to the Florida Department of Health, Bureau of Facility Programs/Radon and Indoor Air Quality, 4052 Bald Cypress Way, Bin #A12, Tallahassee, FL 32399-1742 (1-800-543-8279).

****

336 FOURTEENTH AVE. NORTH • JACKSONVILLE BEACH, FL 32250-7335 • (904) 246-8970 • WATS: 800-525-7236 • FAX: (904) 246-3846

Professional
Radon Monitor

Start Date : 2/2/21
Start Time : 11:00
End Date : 2/4/21
End Time : 11:00
Serial # : 38991107
Location : RRBR

Signature: 

Data in pCi/l
Time Interval 1 Hr

0.0	0.0	0.5
0.2	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.2
0.0	0.2	0.2
0.0	1.8	0.0
0.0	0.2	0.5
0.5	0.0	0.2
0.0	0.9	0.0
0.2	0.0	0.2
0.5	0.5	0.9
0.5	0.0	0.9
0.2	0.2	1.1
0.2	0.5	0.9
0.2	0.5	0.2
0.2	0.0	0.0

Overall Avg.= 0.3
EPA Protocol Avg.= 0.3

Professional
Radon Monitor

Start Date : 2/2/21
Start Time : 11:00
End Date : 2/4/21
End Time : 11:00
Serial # : 41514074
Location : LFBR

Signature: 

Data in pCi/l
Time Interval 1 Hr

0.0	0.0	0.0
0.0	0.0	0.0
0.3	0.0	0.3
0.6	1.0	0.0
0.3	0.0	0.3
0.3	0.0	0.3
0.0	0.3	0.6
0.3	0.3	0.3
0.3	0.3	0.6
0.0	0.0	0.3
0.0	0.3	0.0
0.3	0.3	0.0
0.3	0.0	0.3
0.0	0.3	0.0
0.0	0.0	0.3
0.0	1.0	0.0

Overall Avg.= 0.3
EPA Protocol Avg.= 0.3

BUILDING 1

Professional
Radon Monitor

Start Date : 2/2/21
Start Time : 11:00
End Date : 2/4/21
End Time : 11:00
Serial # : 41514076
Location : LR

Signature: 

BUILDING 2
Mobile Home

Data in pCi/l
Time Interval 1 Hr

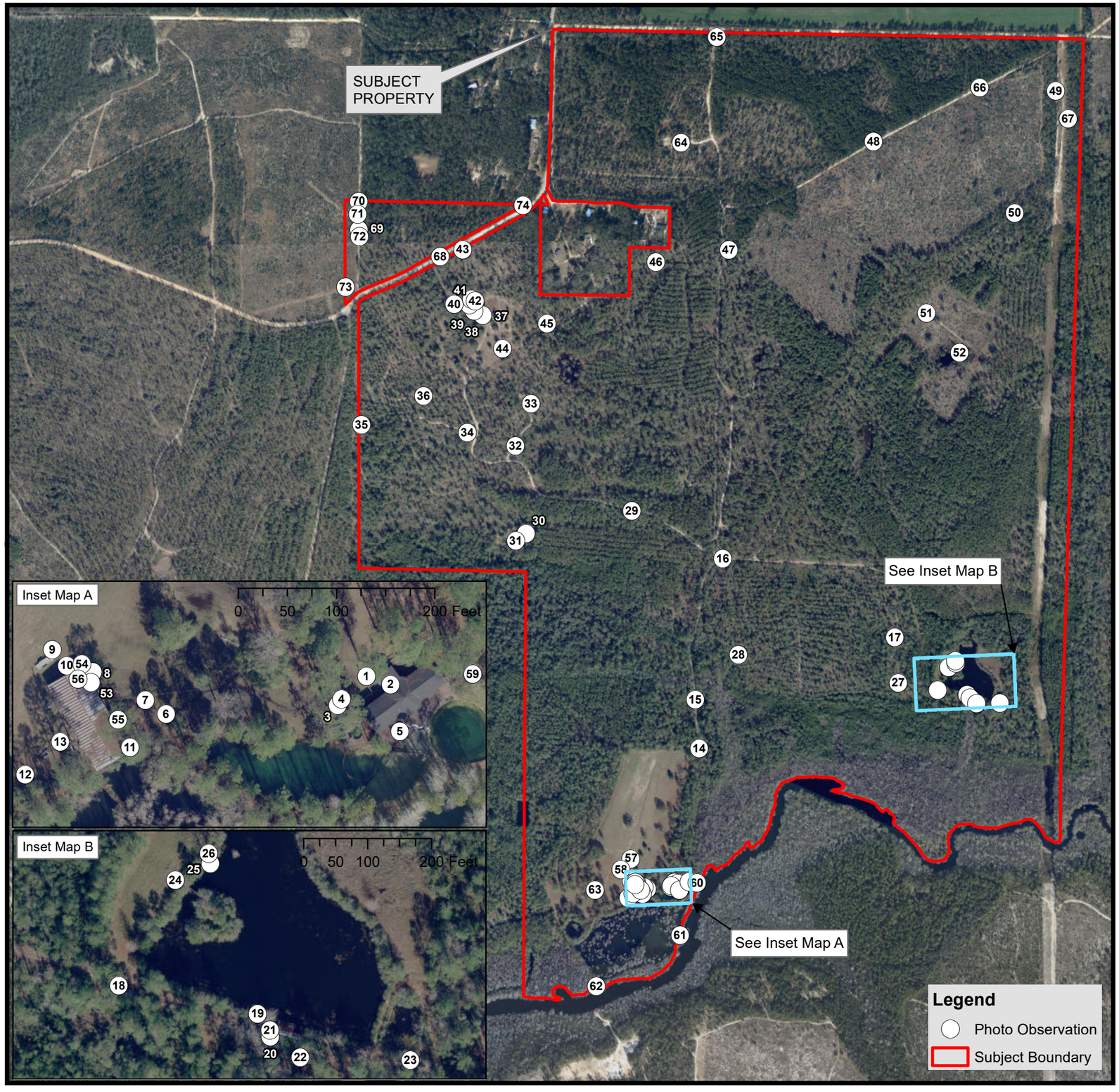
0.0	0.3	0.3
0.3	0.0	0.6
0.0	0.0	0.6
0.0	0.6	0.3
0.6	0.6	0.3
0.0	0.0	0.3
0.3	0.6	0.6
0.6	0.3	1.0
0.3	0.0	0.0
0.3	0.0	0.3
0.3	0.6	0.3
0.0	0.3	0.3
1.0	1.6	0.0
0.3	0.3	0.6
0.0	0.3	0.3
0.3	0.3	T 0.6

Overall Avg.= 0.3
EPA Protocol Avg.= 0.4

ERICKS ENVIRONMENTAL
We Care
850.556.8888
IndoorAirQualityMatters.Com

Appendix F

Photographic Documentation and Field Observations Maps



FIELD OBSERVATIONS:

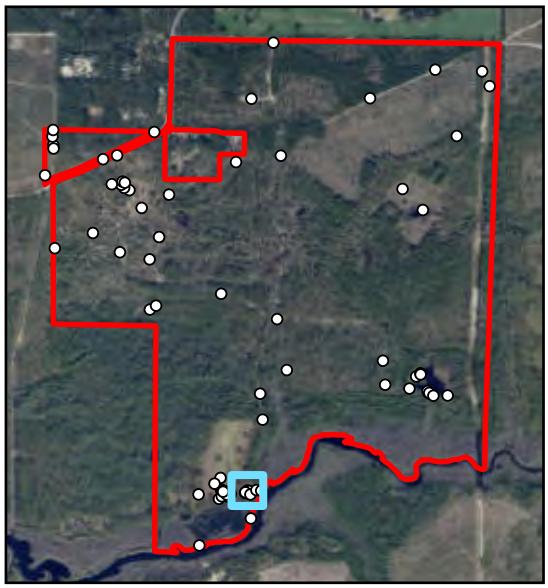
Map ID	Photo Description	Latitude	Longitude
1	Single family residence on Subject Property	30.40941935120	-85.90108719080
2	Interior of single family residence, living room	30.40939935130	-85.90100885690
3	Wooden shed near single family residence	30.40933435090	-85.90117552390
4	Interior of wooden shed, mostly empty	30.40935268410	-85.90116385770
5	8" Artesian well, adjacent to single family residence	30.40926935170	-85.90097219050
6	Typical culvert on Subject Property	30.40928935160	-85.90172552420
7	Barn/guest house	30.40932601790	-85.90179385700
8	Off-road vehicles/boat stored in barn	30.40939768530	-85.90196719080
9	Paint, pesticides, and chemicals stored in barn	30.40945435090	-85.90210052350
10	Mowers, fuel, and compressor stored in barn	30.40941268460	-85.90205219040
11	Interior of guest house portion of barn	30.40919268430	-85.90183718990
12	Boat stored near barn	30.40910435170	-85.90217052360
13	Empty fuel cans and oil jugs, some signs of oil leaking from oil jug	30.40919935130	-85.90206219070
14	Typical road on Subject Property, looking north	30.41212101740	-85.90050719080
15	Road wash out with wood and concrete debris, looking East	30.41310935070	-85.90060219140
16	Typical trail road on Subject Property, looking East	30.41595268300	-85.89995552450
17	Typical trail road on Subject Property, looking South	30.41436601710	-85.89592219170
18	Cooler and debris on Subject Property	30.41330601650	-85.89491385930
19	3" pipe runing from a second Artesian well	30.41321101740	-85.89422219200
20	Abandoned camper trailer on Subject Property	30.41311601640	-85.89415385960
21	Camper interior	30.41314268330	-85.89415719230
22	Second Artesian well feeding the pond and camper	30.41303268420	-85.89400052600
23	Typical culvert under trail road on Subject Property	30.41304101690	-85.89345719220
24	Derelict wooden dock, looking East	30.41376768310	-85.89465719200
25	Subject Property pond	30.41384434990	-85.89448719290
26	8" perforated pipe	30.41388768370	-85.89449719220
27	Typical trail road	30.41345101700	-85.89583885860
28	Typical trail road, looking west	30.41401101680	-85.89958719110
29	Typical trail road, looking east	30.41691768310	-85.90208719020
30	Typical trail road, looking south	30.41646435010	-85.90456718850
31	Typical deer feeder on Subject Property	30.41631601670	-85.90480385650
32	Typical trail road, looking north	30.41822934950	-85.90481385650
33	Food plot	30.41908101600	-85.90445218940
34	Typical trail road, looking west	30.41849934950	-85.90594552170
35	Adjoining property to the West	30.41865394380	-85.90842666860
36	Typical trail road, looking west	30.41923434950	-85.90697552220
37	Derelict shed	30.42086601530	-85.90558218890
38	Shed interior, paint cans and other debris	30.42095601570	-85.90578385620
39	Old homestead on Subject Property	30.42107268270	-85.90589218880
40	Homestead interior	30.42109268220	-85.90625552300
41	Debris near old homestead on Subject Property	30.42119268190	-85.90584552270
42	Metal building	30.42115101540	-85.90575885590
43	Subject property gate, looking North	30.42219101530	-85.90605385510
44	Miscellaeous debris	30.42018934870	-85.90511718890
45	Typical trail road, looking east	30.42069601570	-85.90407552310
46	Power lines in utility easement	30.42193601470	-85.90152052400
47	Typical trail road on Subject Property	30.42217934810	-85.89981385700
48	Typical trail road, looking east	30.42436768130	-85.89641552450
49	Power lines in utility easement	30.42539268090	-85.89214219270
50	Typical trail road on Subject Property	30.42292934770	-85.89310885930
51	Typical trail road on Subject Property	30.42091101520	-85.89517552510
52	Wetland area on northern portion of Subject Property	30.42010934900	-85.89440219170
53	Stained soil near barn	30.40936768500	-85.90197219080
54	Leaking chemical tank in barn	30.40941768470	-85.90200385730
55	Fuel cans, hydraulic oil, and cool-gard 2 in barn	30.40926768510	-85.90187885720
56	Debris pile on Subject Property	30.40937601790	-85.90201385700
57	Treated wood waste on Subject Property	30.40990101760	-85.90211219060
58	Treated wood waste on Subject Property	30.40968101800	-85.90234052290
59	Septic tank associated with single family residence	30.40943768430	-85.90074552490
60	Pine Log Creek, southern Subject Property boundary	30.40941268480	-85.90056052510
61	Cypress Pond on Subject Property	30.40835601770	-85.90095385680
62	Gator line trap on Subject Property	30.40732601840	-85.90291885650
63	Capped 2-in PVC pipe, possible well	30.40927268420	-85.90294885660
64	Typical deer feeder and food plot	30.42434934770	-85.90093385630
65	Adjoining property to the North	30.42648601430	-85.90009719010
66	Corrded 55-gallon drum	30.42545601430	-85.89392719240
67	Adjoining property to the East	30.42482772140	-85.89185722520
68	Stickland Road	30.42204601590	-85.90658552220
69	Wood access gate	30.42258601560	-85.90848552070
70	Adjoining property to the north	30.42315934790	-85.90848885530
71	Debris pile on Subject Property	30.42290768240	-85.90851552110
72	Waste propane tank on Subject Property	30.42245268170	-85.90847385500
73	Adjoining property to the west	30.42143130520	-85.90879879590
74	Eastern corner of Subject Property	30.42308301610	-85.90463441910

N

0 375 750 1,500 Feet

FIELD OBSERVATIONS MAP
PHASE I ENVIRONMENTAL SITE ASSESSMENT
WOODVEST, LLC PARCEL
UPPER ST. MARKS RIVER CORRIDOR PROJECT
JEFFERSON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-20-608

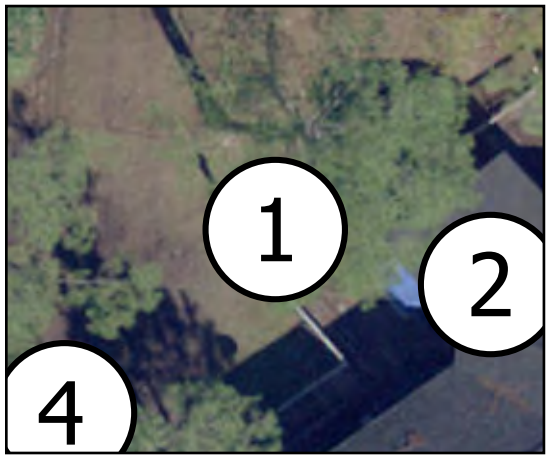
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 1:

Single family residence on Subject Property



Legend

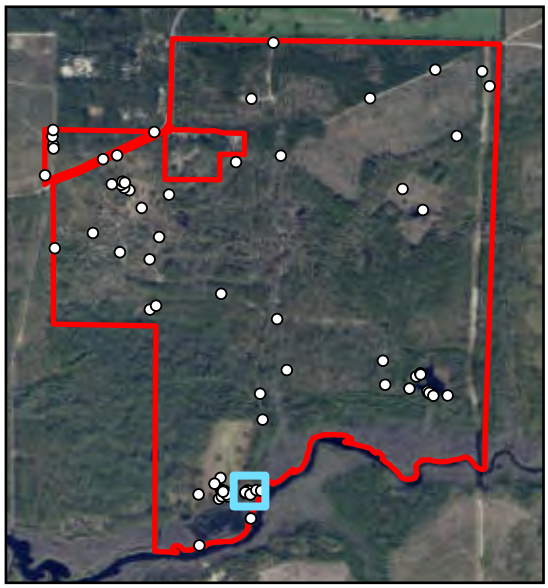
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

NorthStar
Contracting Group, Inc.
2760 S FALKENBURG ROAD, RIVERVIEW, FL 33578 PH:(813) 684-4400

PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

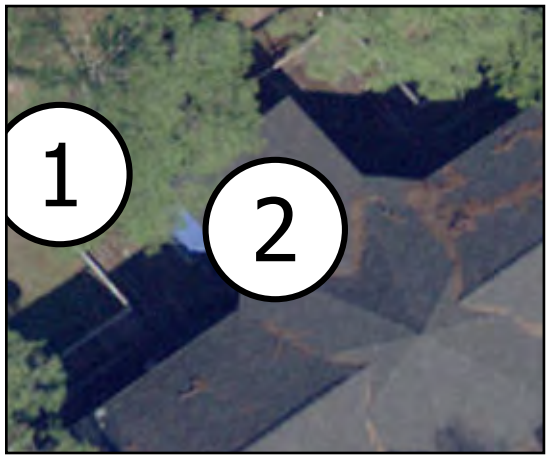
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 2:

Interior of single family residence, living room



Legend

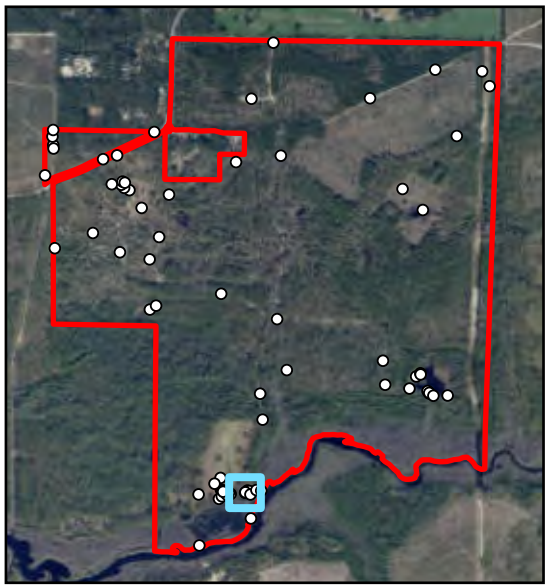
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

NorthStar
Contracting Group, Inc.
2760 S FALKENBURG ROAD, RIVERVIEW, FL 33578 PH:(813) 684-4400

PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 3:

Wooden shed near single family residence



Legend

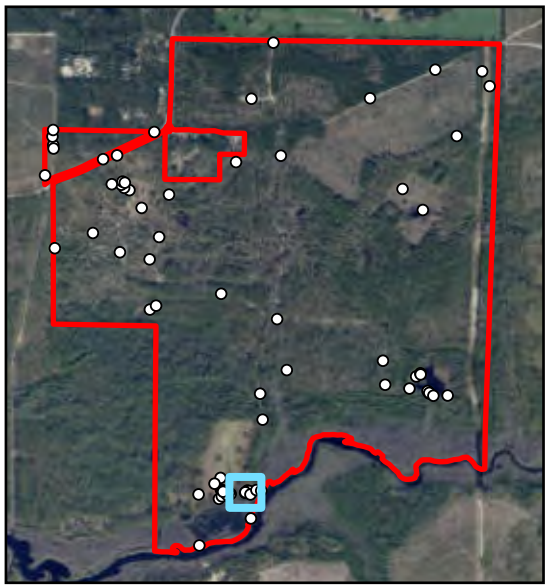
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

NorthStar
Contracting Group, Inc.
2760 S FALKENBURG ROAD, RIVERVIEW, FL 33578 PH:(813) 684-4400

PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 4:

Interior of wooden shed, mostly empty



Legend

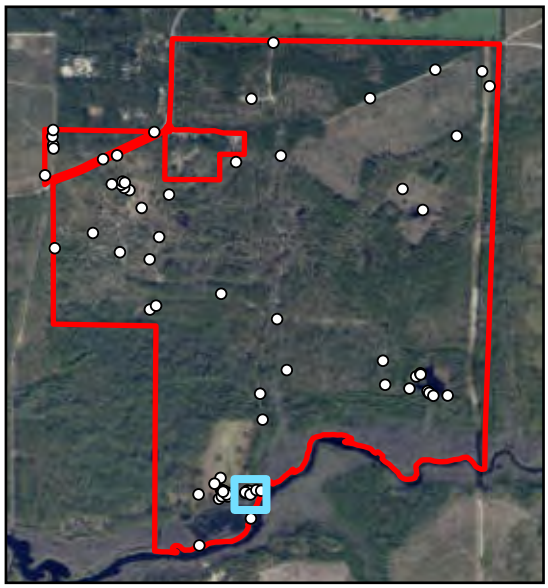
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 5:

8" Artesian well, adjacent to single family residence



Legend

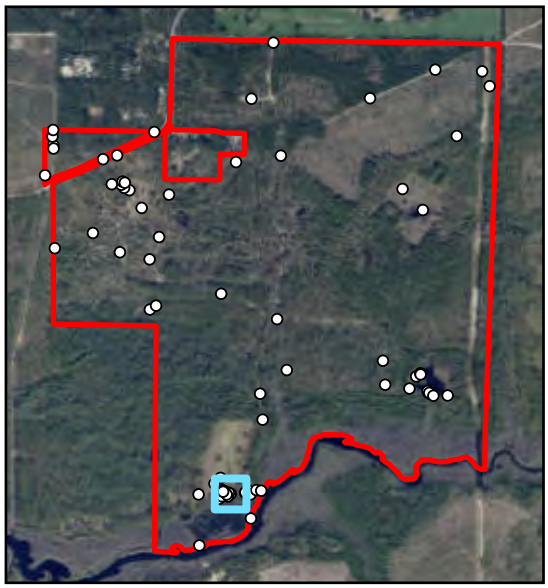
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

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Photograph 6:

Typical culvert on Subject Property



Legend

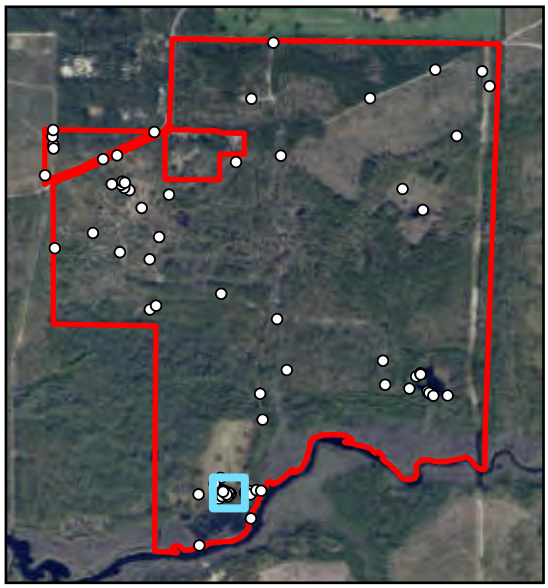
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 7:

Barn/guest house



Legend

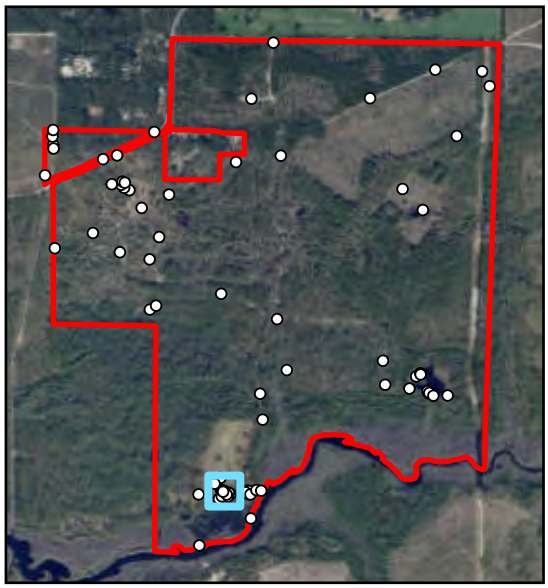
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 8:

Off-road vehicles/boat stored in barn



Legend

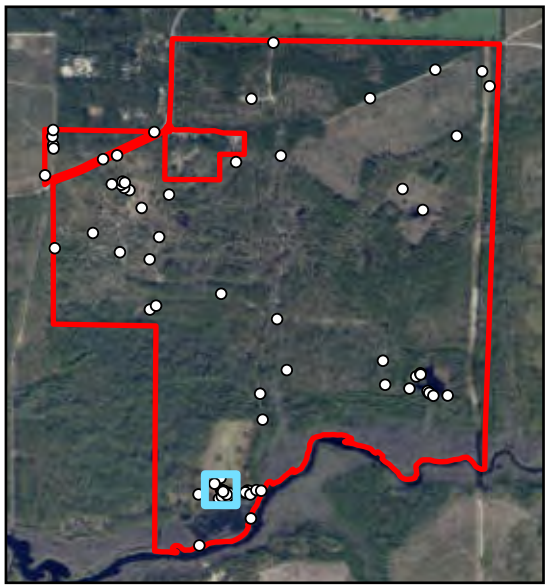
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 9:

Paint, pesticides, and chemicals stored in barn



Legend

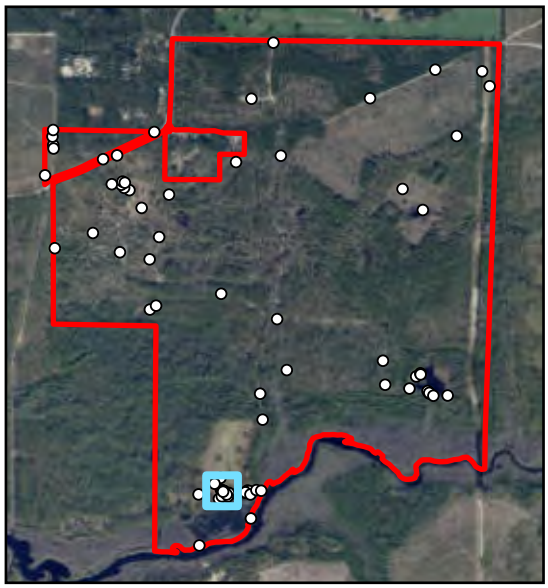
- Photo Observation
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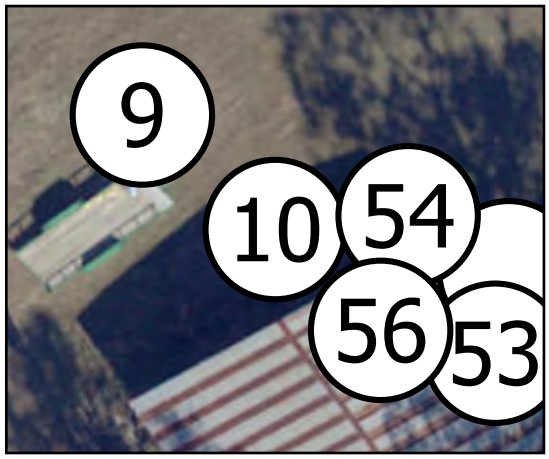
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 10:

Mowers, fuel, and compressor stored in barn



Legend

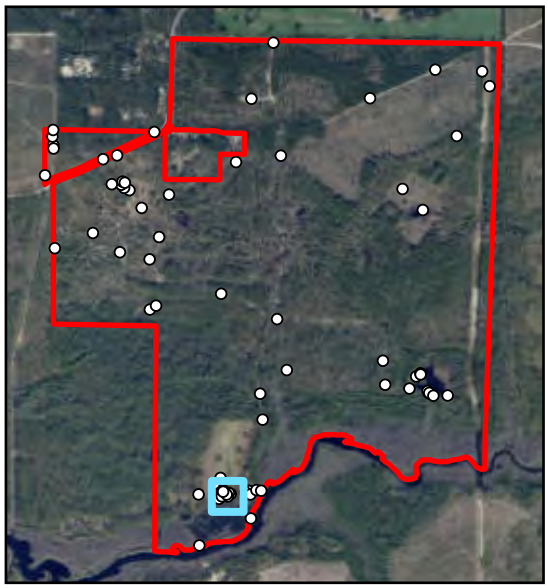
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 11:

Interior of guest house portion of barn



Legend

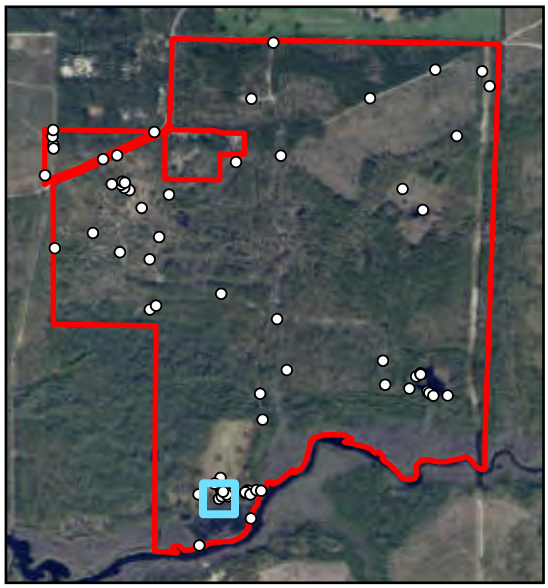
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 12:

Boat stored near barn



Legend

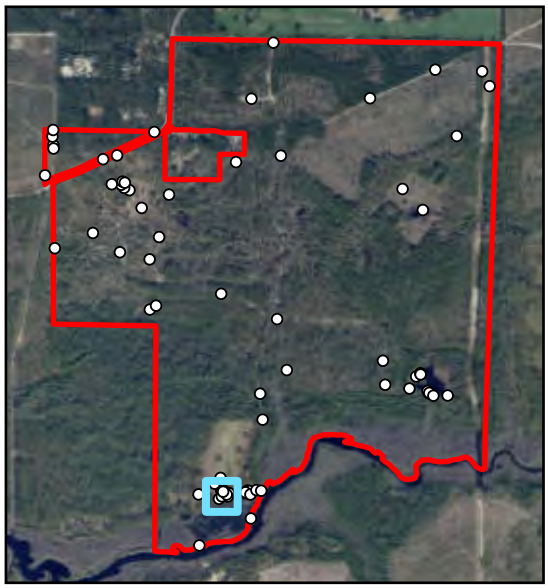
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 13:

Empty fuel cans and oil jugs, some signs of oil leaking from oil jug



Legend

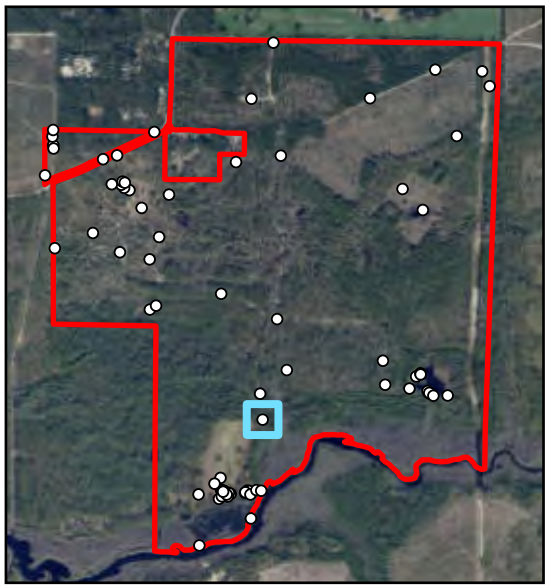
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 14:

Typical road on Subject Property, looking north



Legend

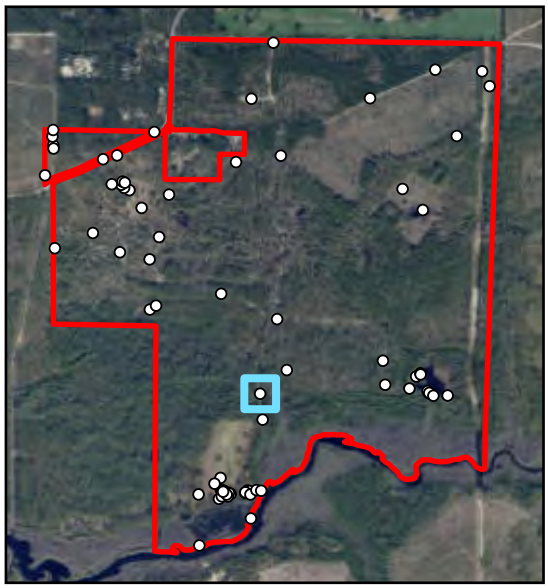
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 15:

Road wash out with wood and concrete debris, looking East



Legend

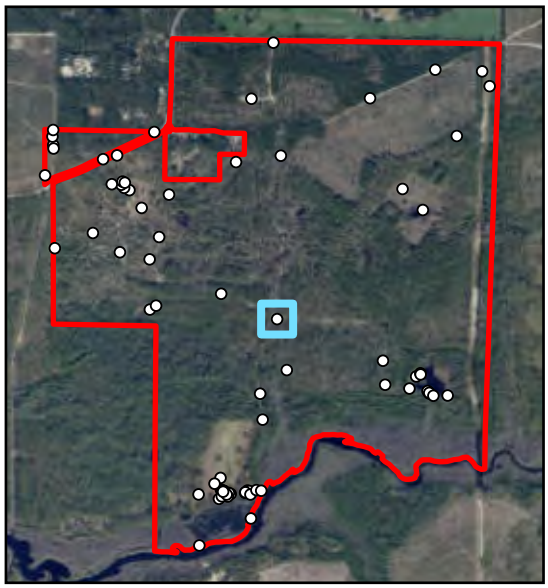
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 16:

Typical trail road on Subject Property, looking East



Legend

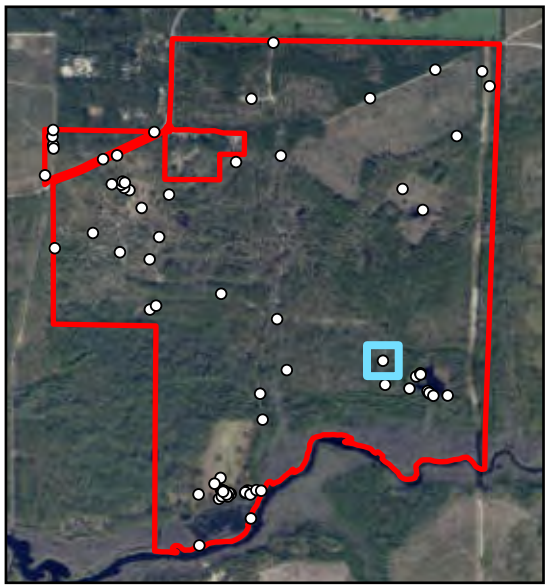
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 17:

Typical trail road on Subject Property, looking South



Legend

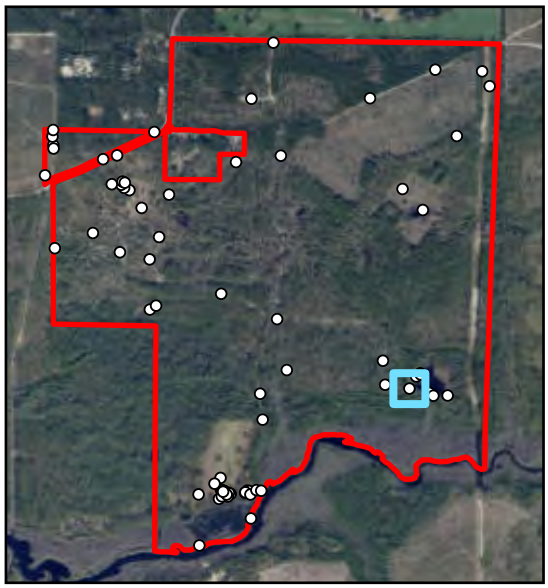
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 18:

Cooler and debris on Subject Property



Legend

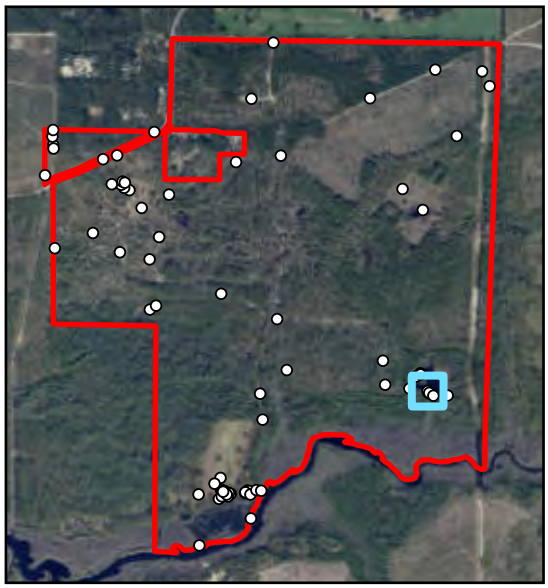
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 19:

3" pipe runing from a second Artesian well



Legend

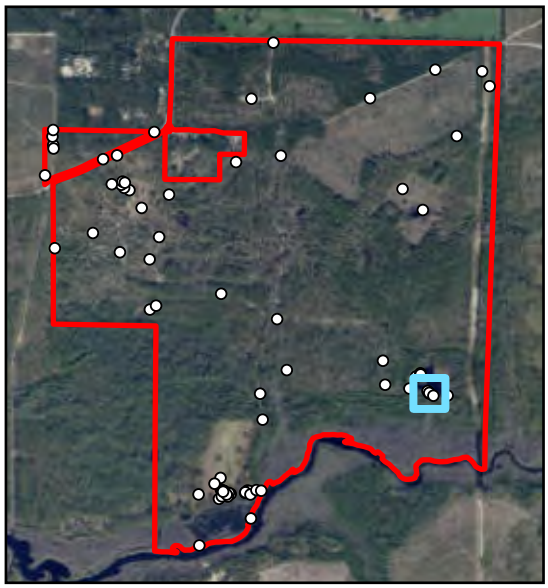
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 20:

Abandoned camper trailer on Subject Property



Legend

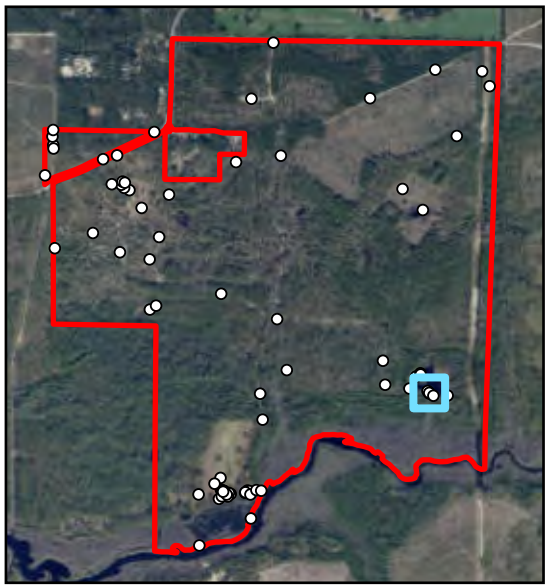
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 21:

Camper interior



Legend

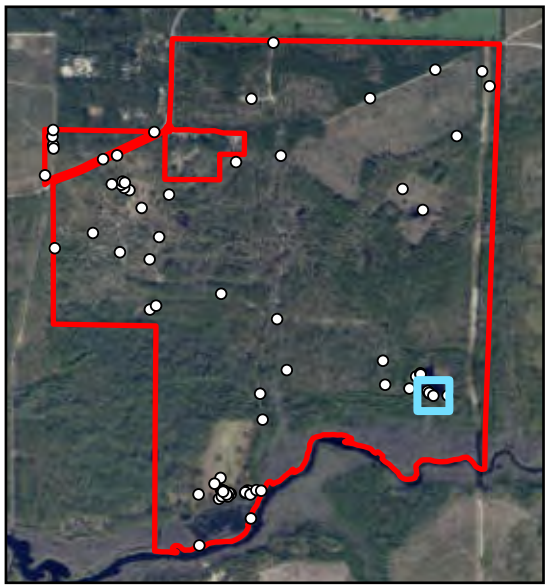
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 22:

Second Artesian well feeding the pond and camper.



Legend

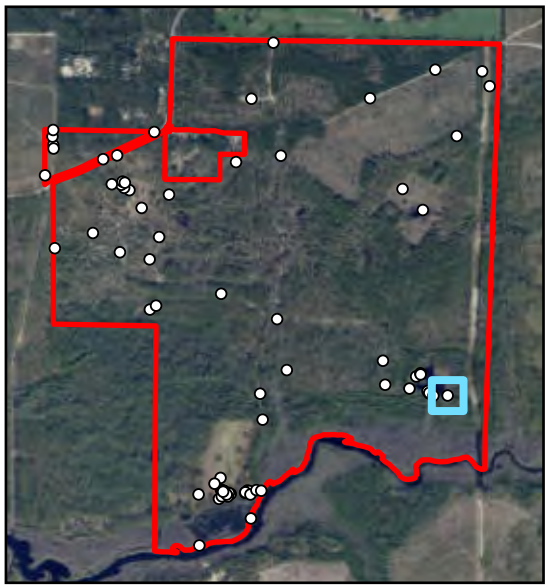
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 23:

Typical culvert under trail road on Subject Property



Legend

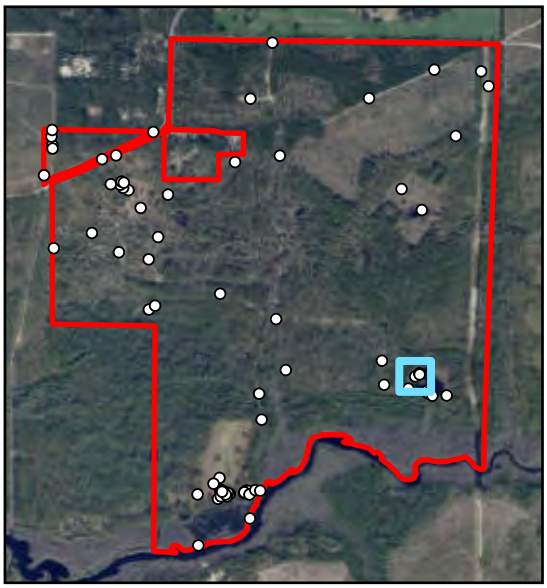
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 24:

Derelict wooden dock, looking East



Legend

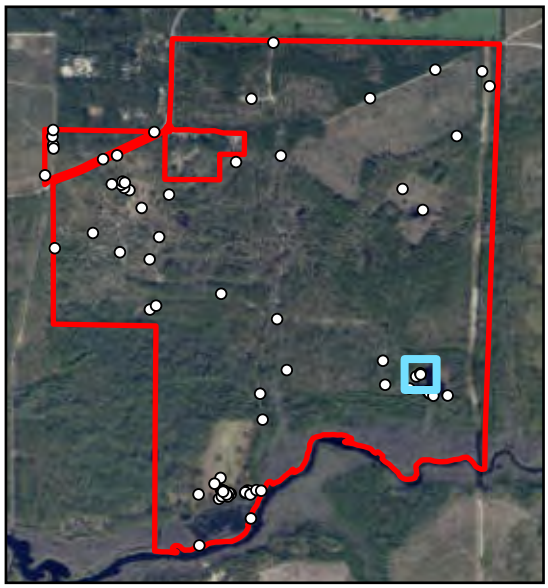
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

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Photograph 25:

Subject Property pond



Legend

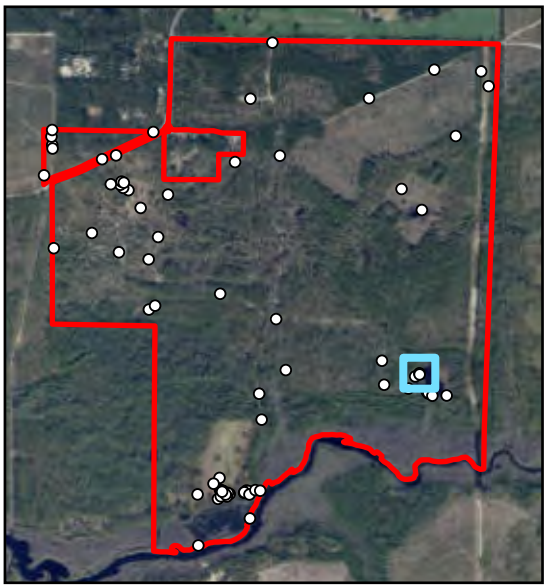
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 26:

8" perforated pipe



Legend

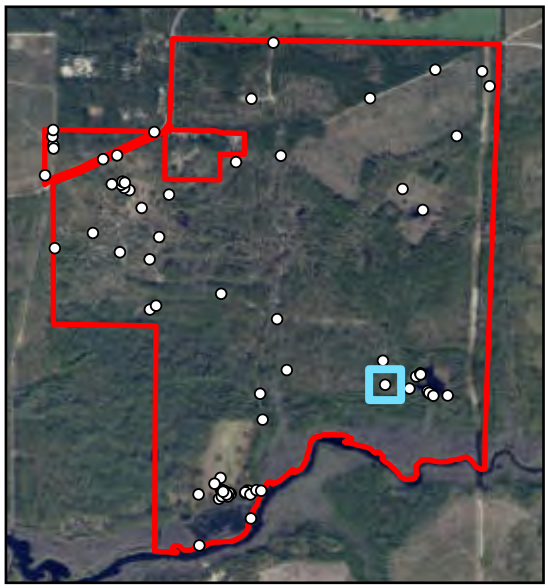
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 27:

Typical trail road



Legend

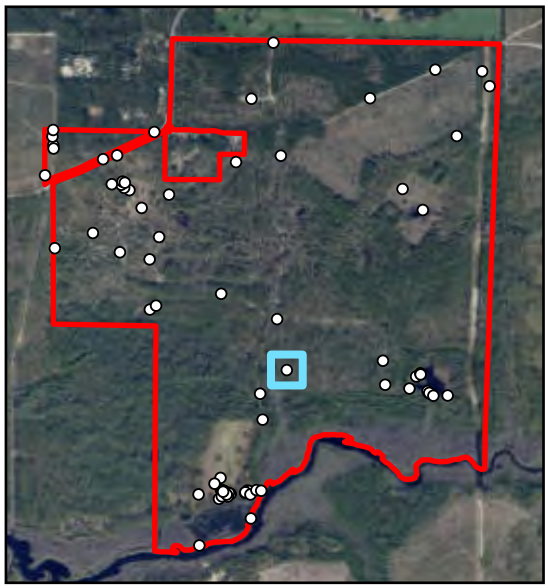
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 28:

Typical trail road, looking west



Legend

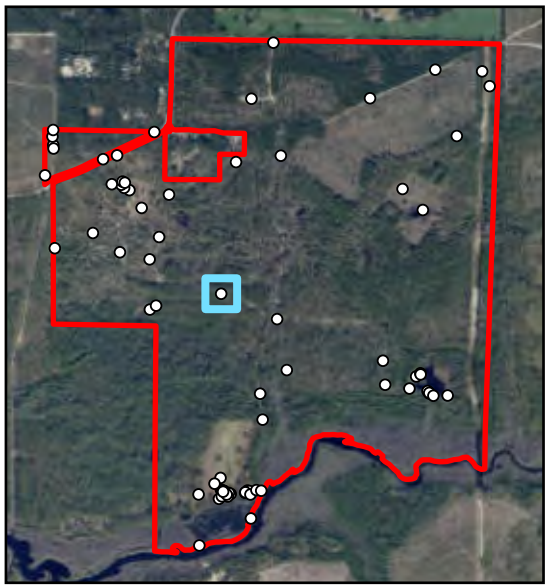
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 29:

Typical trail road, looking east



Legend

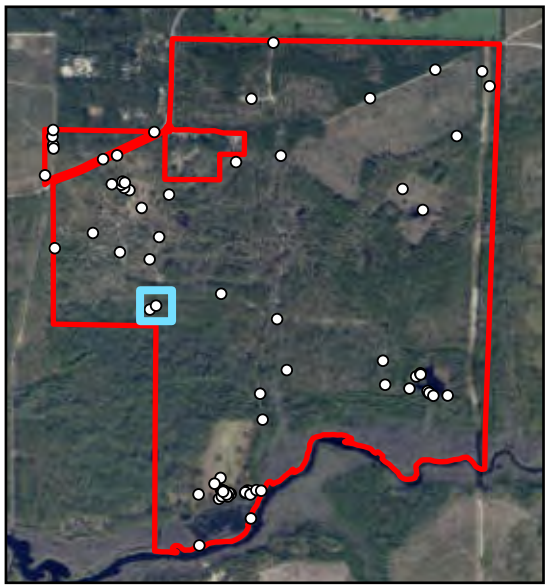
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 30:

Typical trail road, looking south



Legend

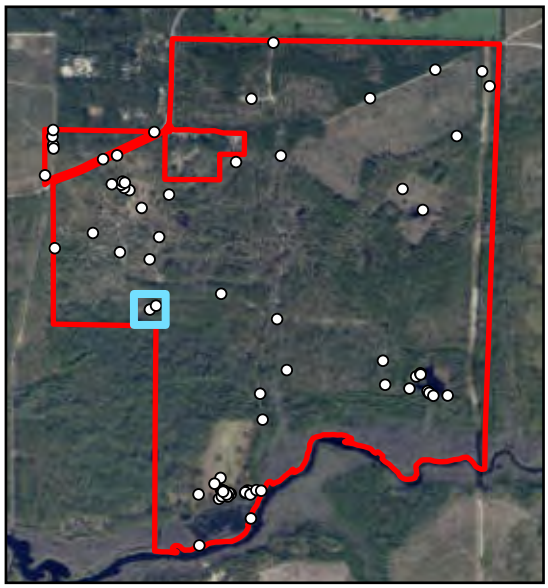
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 31:

Typical deer feeder on Subject Property



Legend

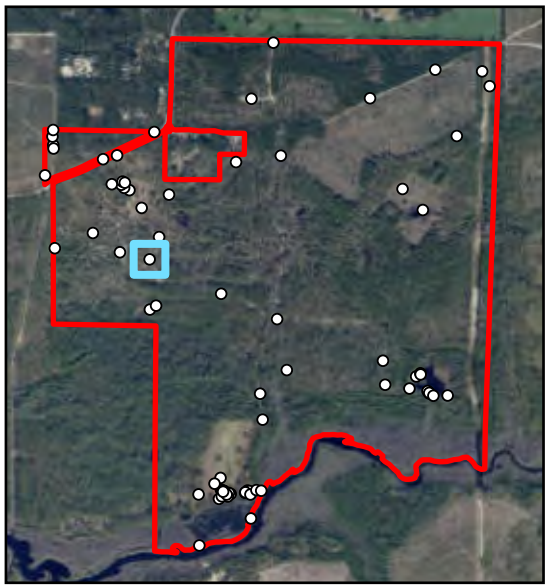
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 32:

Typical trail road, looking north



Legend

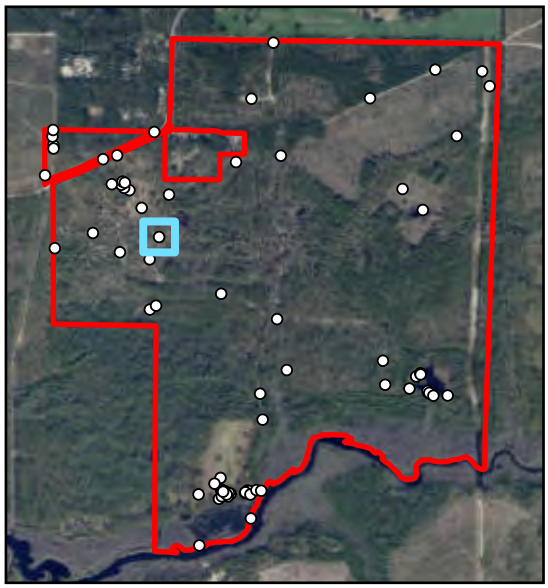
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 33:

Food plot



Legend

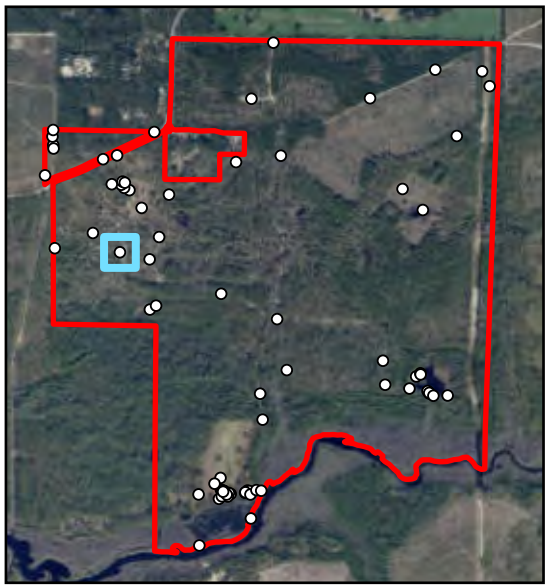
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 34:

Typical trail road, looking west



Legend

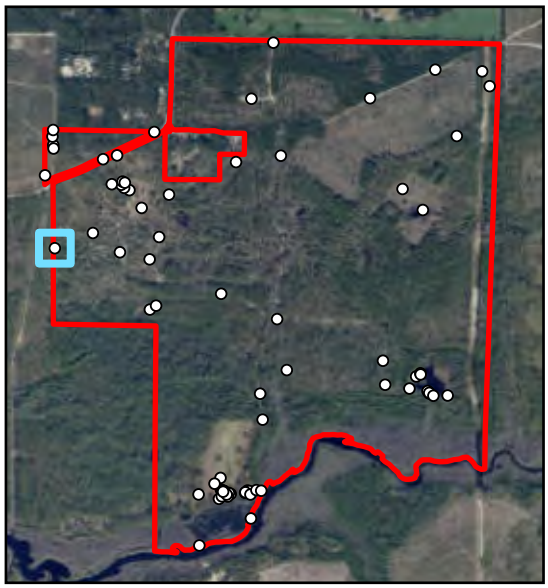
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 35:

Adjoining property to the West



Legend

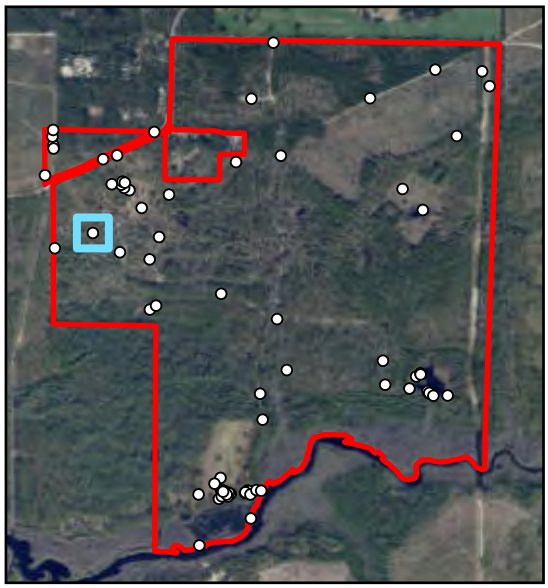
- Photo Observation
- Subject Property Boundary

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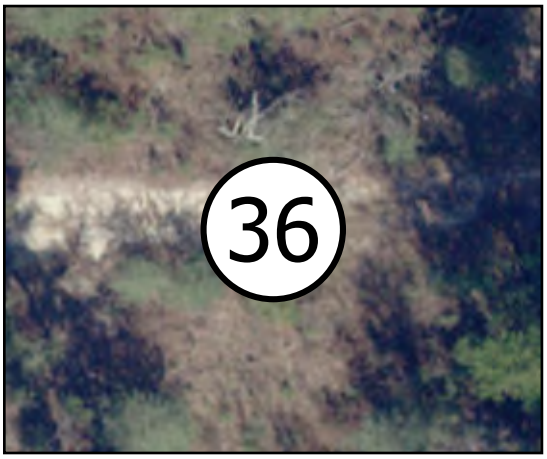
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 36:

Typical trail road, looking west



Legend

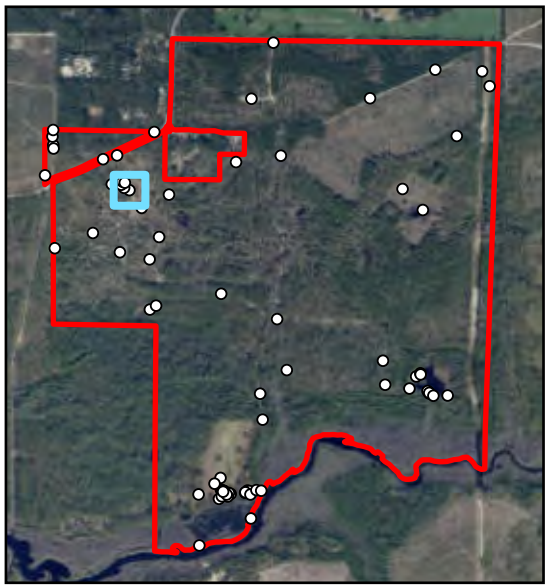
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 37:

Derelict shed



Legend

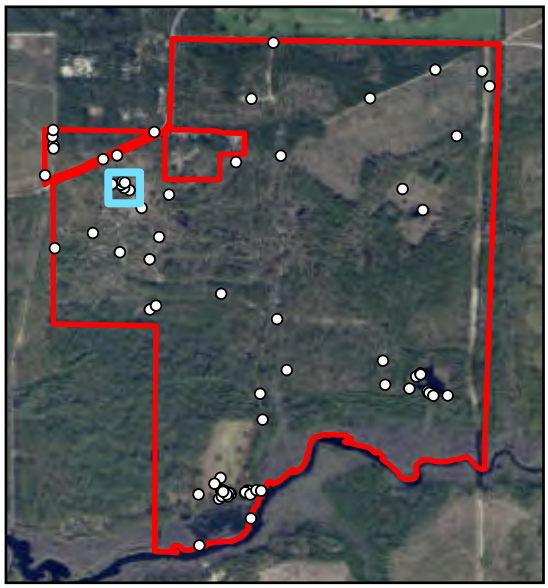
- Photo Observation
- Subject Property Boundary

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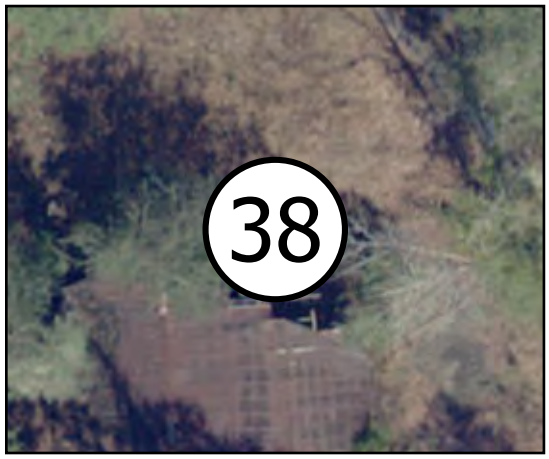
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 38:

Shed interior, paint cans and other debris



Legend

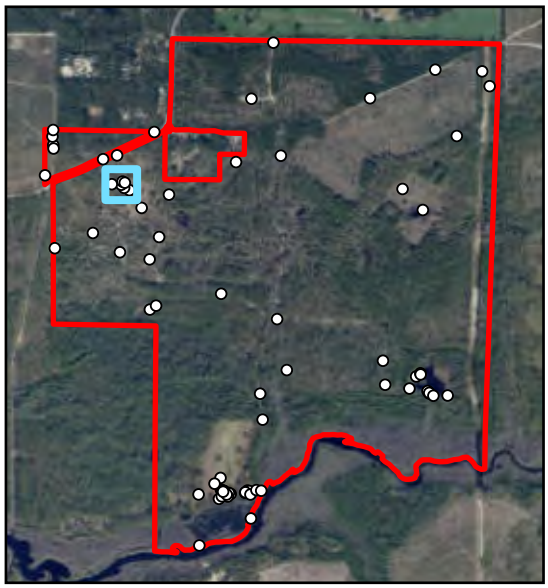
- Photo Observation
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 39:

Old homestead on Subject Property



Legend

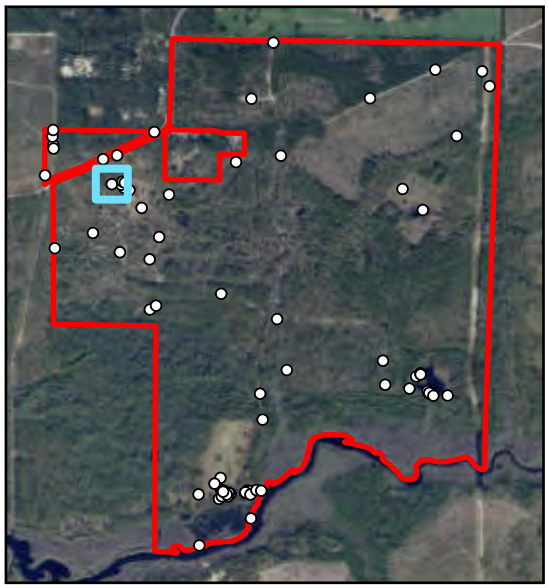
- Photo Observation
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Overview Map



0 0.5 1 Miles

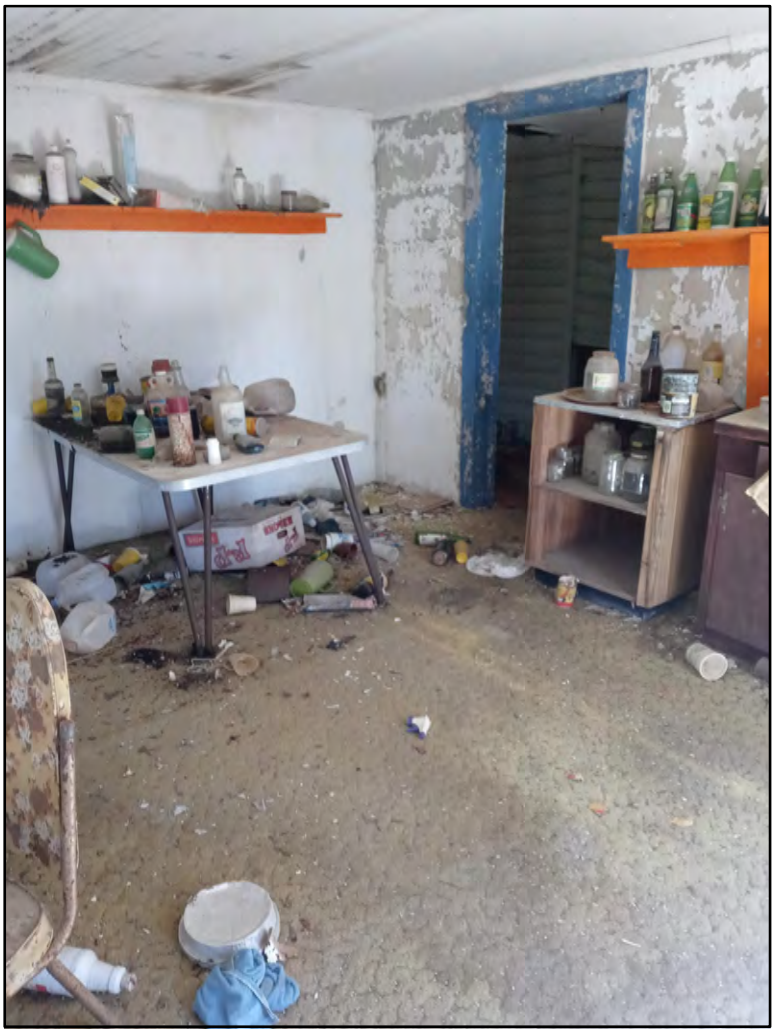
Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 40:

Homestead interior



Legend

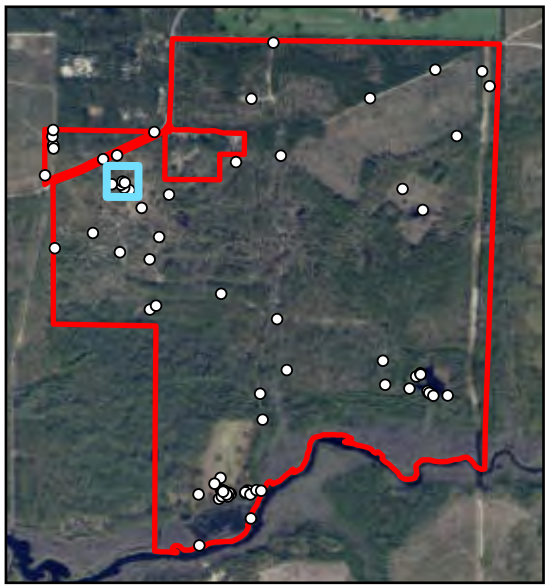
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 41:

Debris near old homestead on Subject Property



Legend

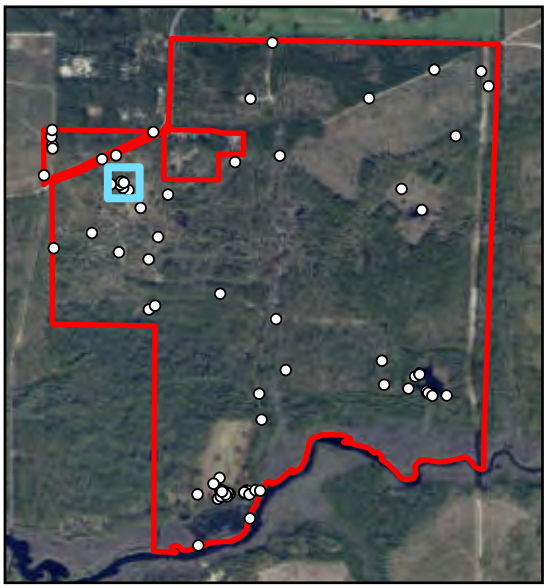
- Photo Observation
- Subject Property Boundary

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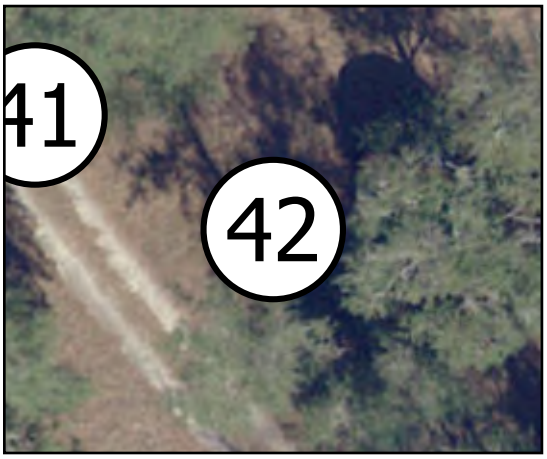
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 42:

Metal building



Legend

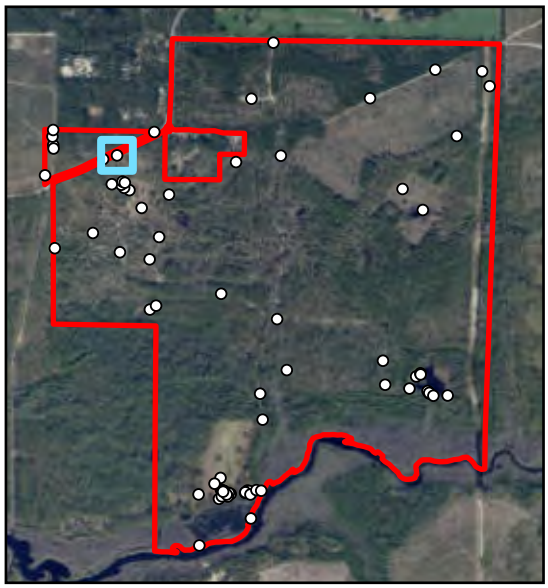
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 43:

Subject property gate, looking North



Legend

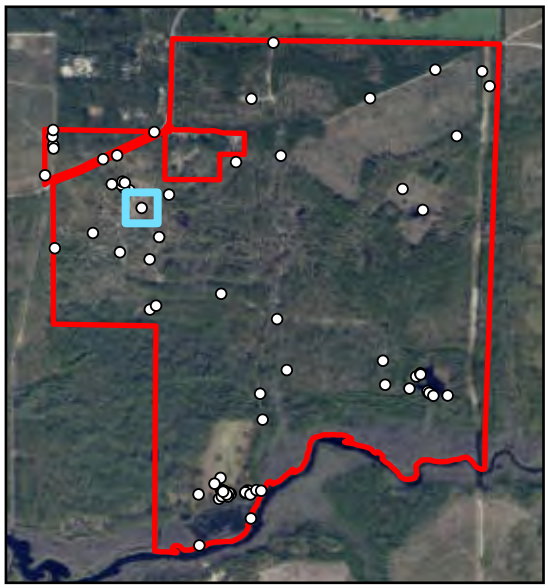
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 44:

Miscellaeous debris



Legend

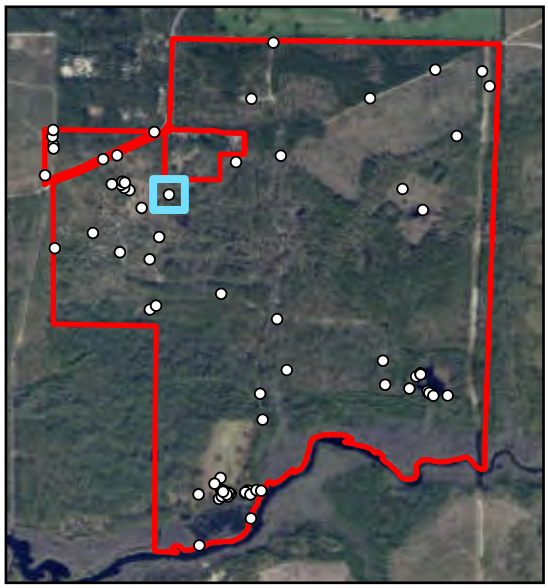
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 45:

Typical trail road, looking east



Legend

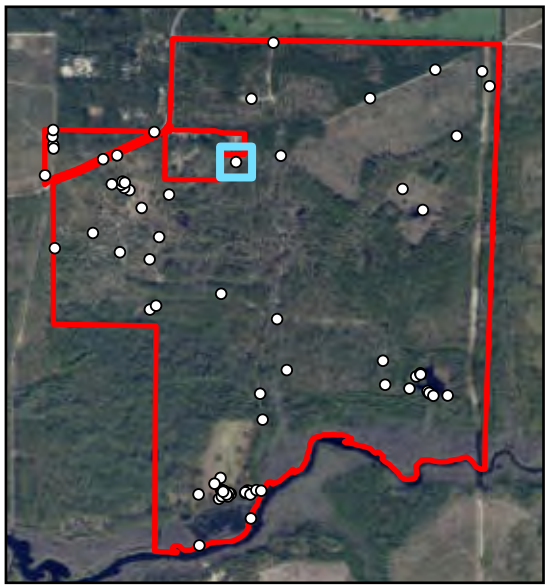
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 46:

Power lines in utility easement



Legend

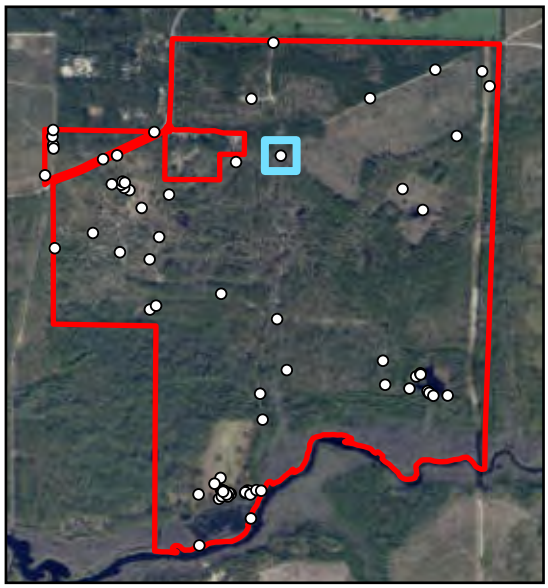
- Photo Observation
- Subject Property Boundary

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NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 47:

Typical trail road on Subject Property



Legend

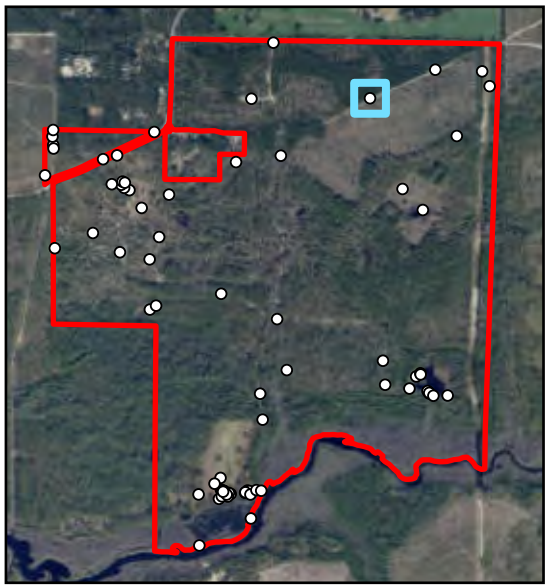
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 48:

Typical trail road, looking east



Legend

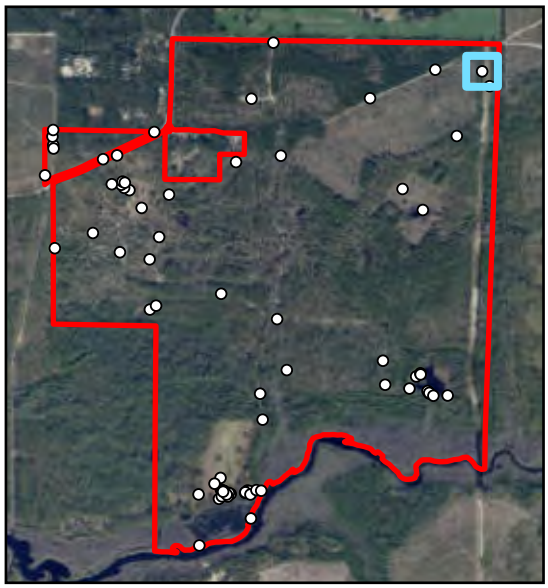
- Photo Observation
- Subject Property Boundary

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REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 49:

Power lines in utility easement



Legend

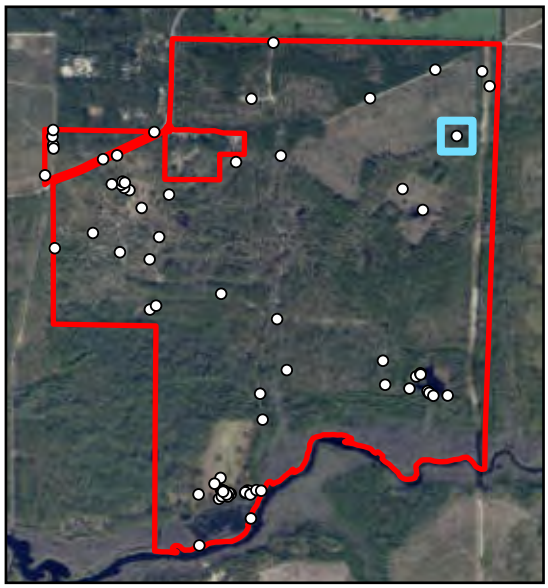
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 50:

Typical trail road on Subject Property



Legend

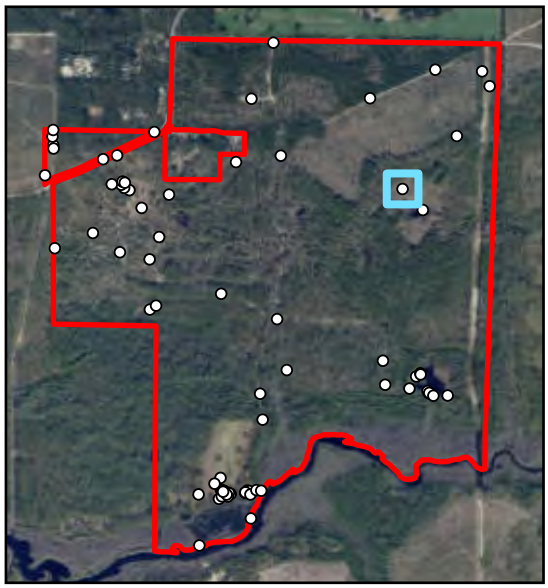
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 51:

Typical trail road on Subject Property



Legend

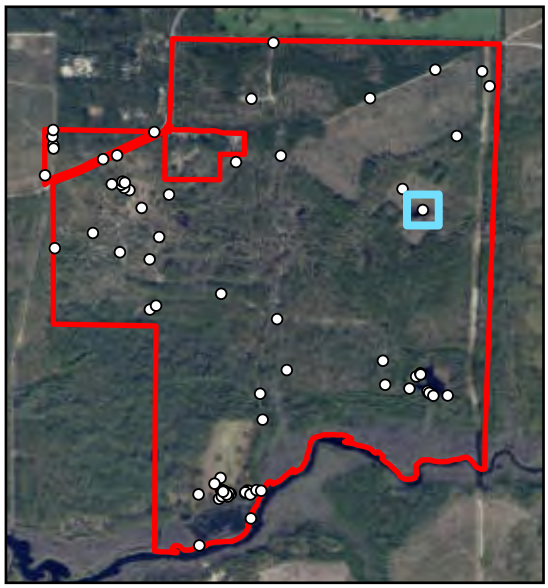
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 52:

Wetland area on northern portion of Subject Property



Legend

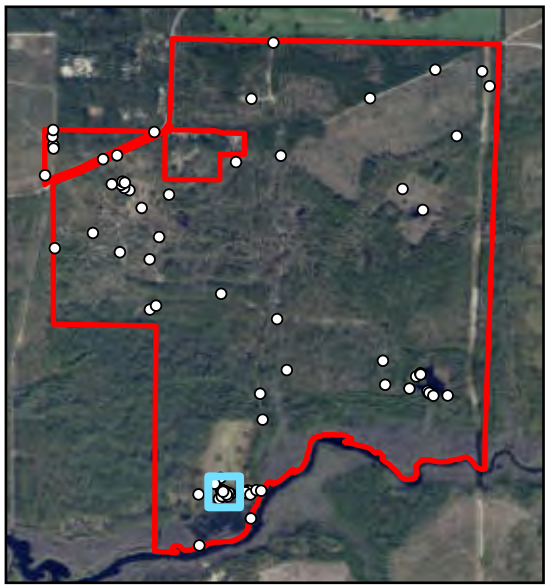
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 53:

Stained soil near barn



Legend

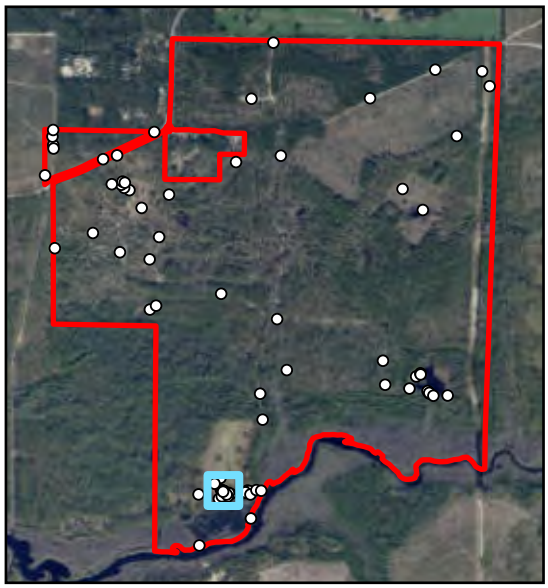
- Photo Observation
- Subject Property Boundary

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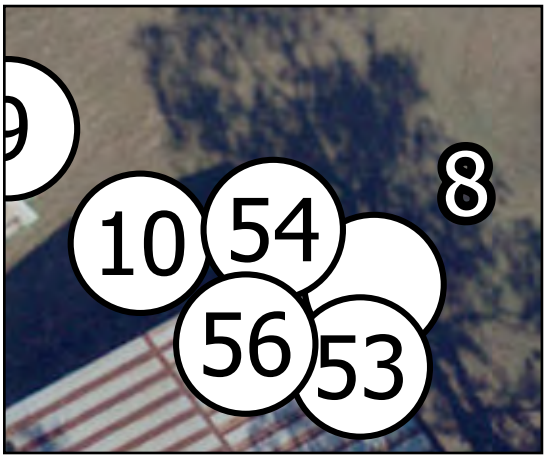
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 54:

Leaking chemical tank in barn



Legend

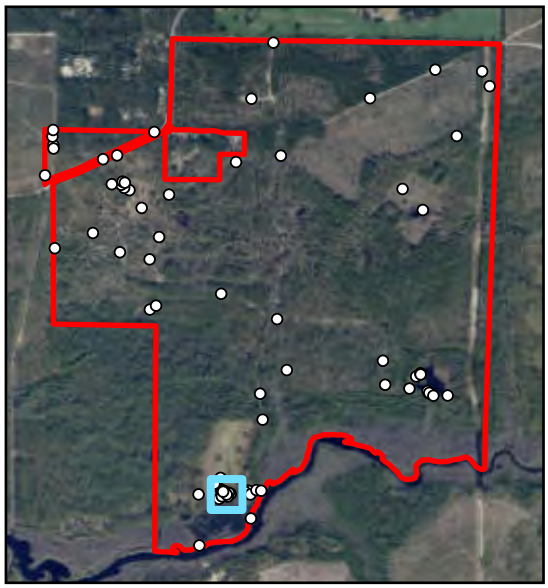
- Photo Observation
- Subject Property Boundary

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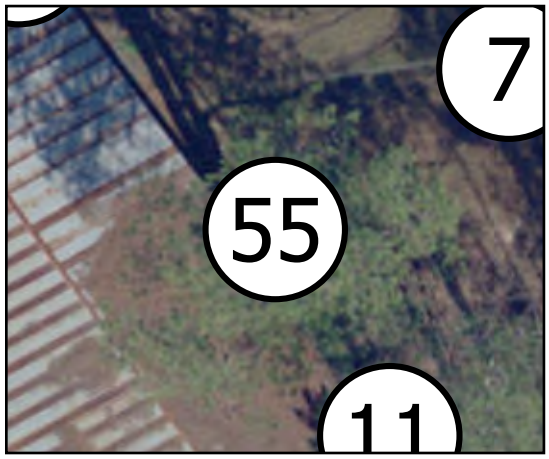
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 55:

Fuel cans, hydraulic oil, and cool-gard 2 in barn



Legend

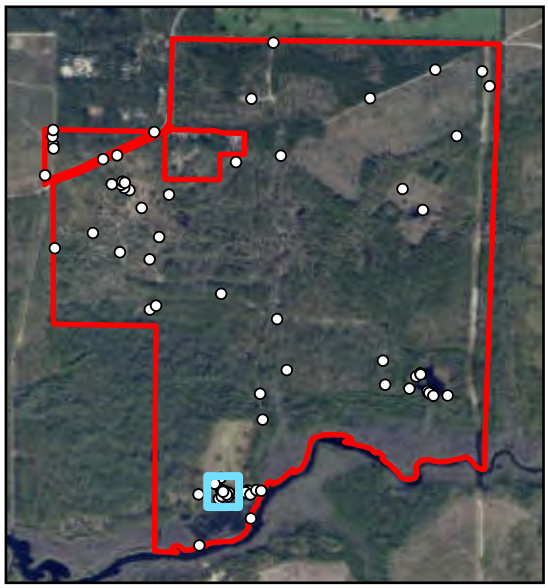
- Photo Observation
- Subject Property Boundary

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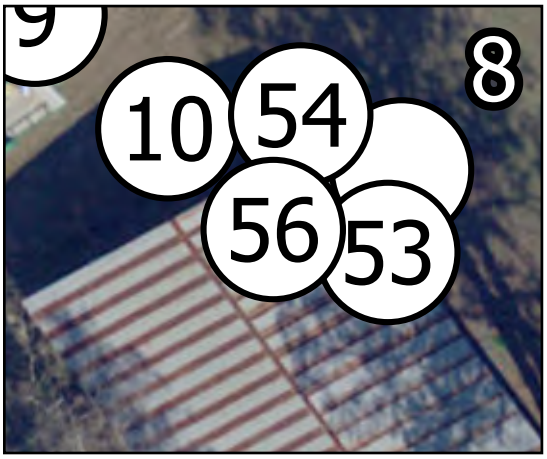
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 56:

Debris pile on Subject Property



Legend

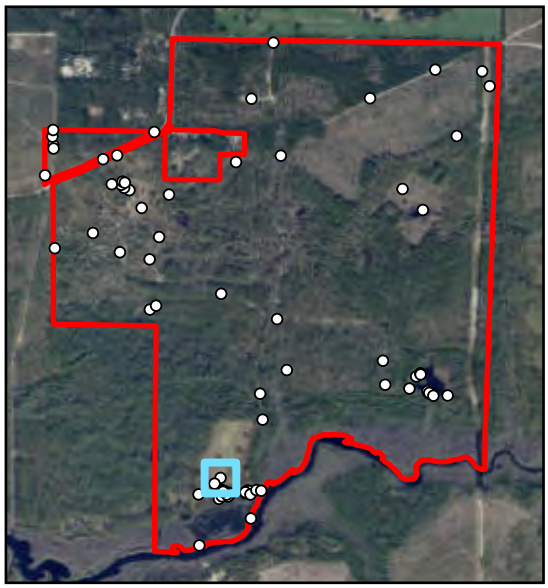
- Photo Observation
- Subject Property Boundary

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SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 57:

Treated wood waste on Subject Property



Legend

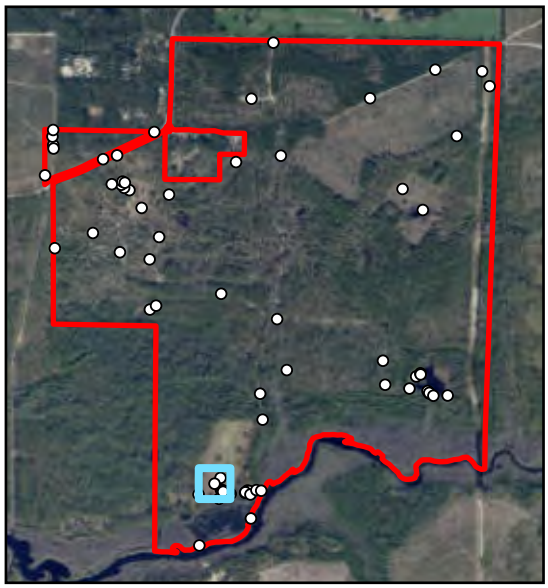
- Photo Observation
- Subject Property Boundary

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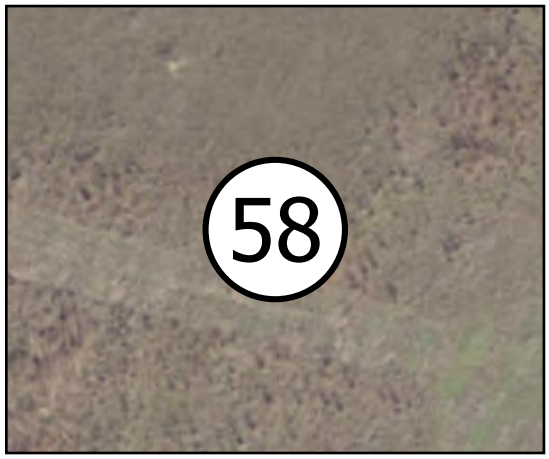
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 58:

Treated wood waste on Subject Property



Legend

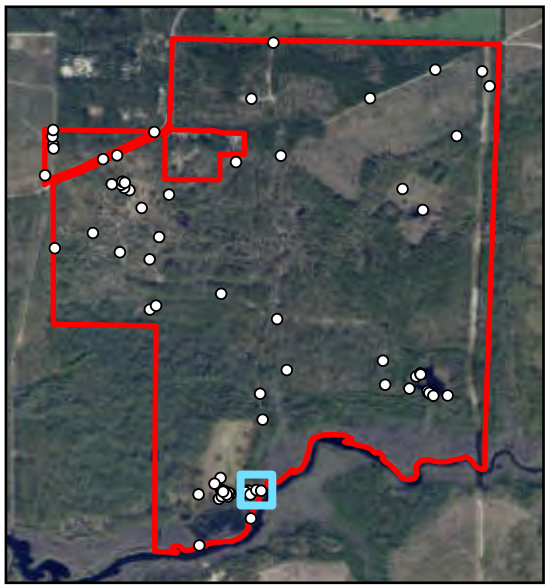
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 59:

Septic tank associated with single family residence



Legend

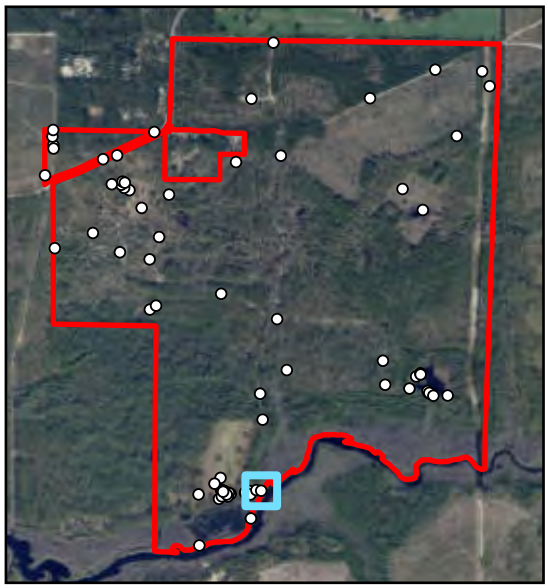
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 60:

Pine Log Creek, southern Subject Property boundary



Legend

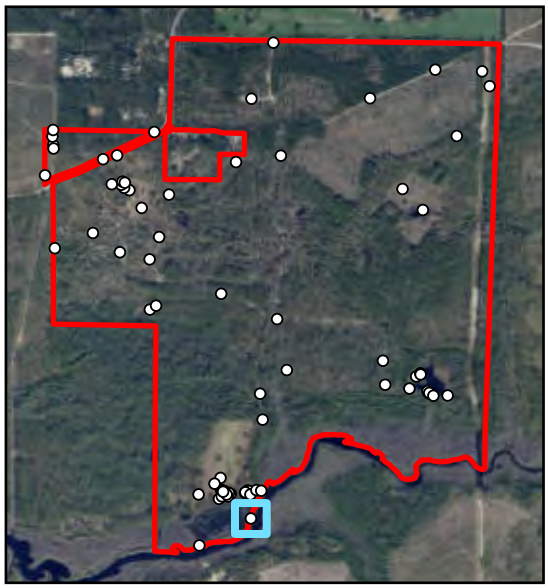
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 61:

Cypress Pond on Subject Property



Legend

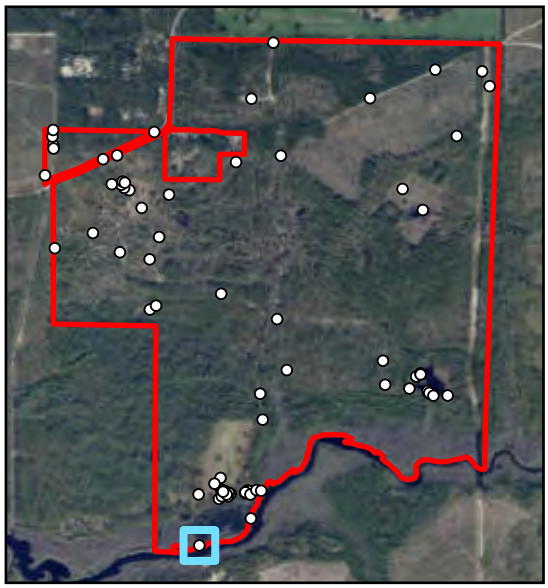
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
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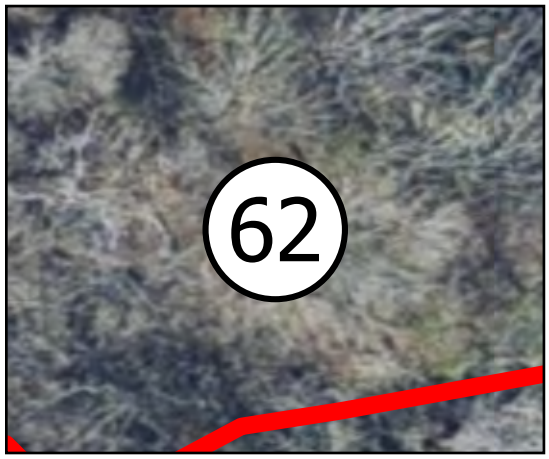
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 62:

Gator line trap on Subject Property



Legend

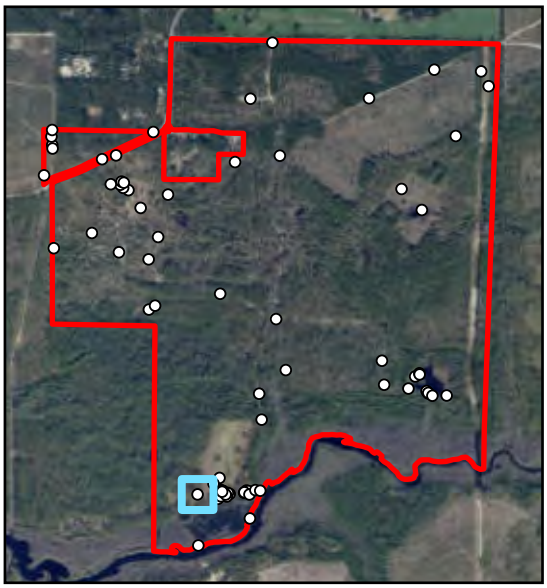
- Photo Observation
- Subject Property Boundary

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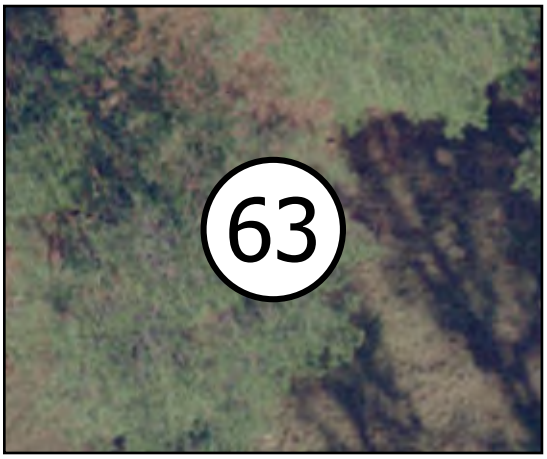
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 63:

Capped 2-in PVC pipe, possible well



Legend

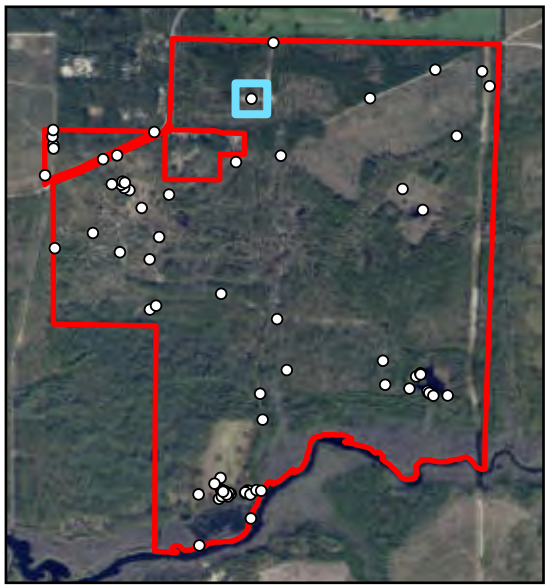
- Photo Observation
- Subject Property Boundary

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Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 64:

Typical deer feeder and food plot



Legend

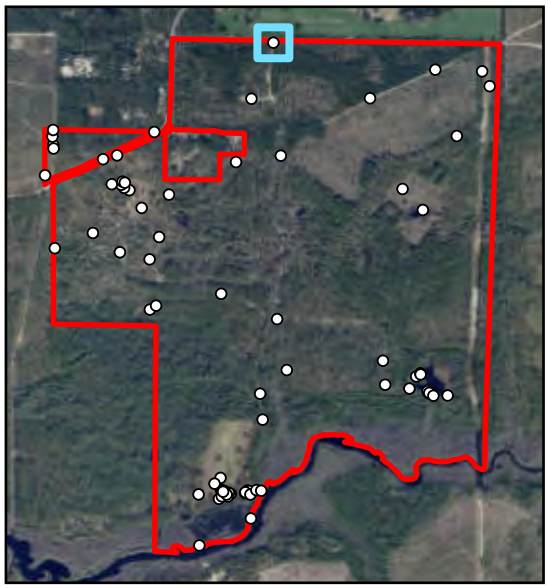
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

NorthStar Contracting Group, Inc.
2760 S FALKENBURG ROAD, RIVERVIEW, FL 33578 PH:(813) 684-4400

PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 65:

Adjoining property to the North



Legend

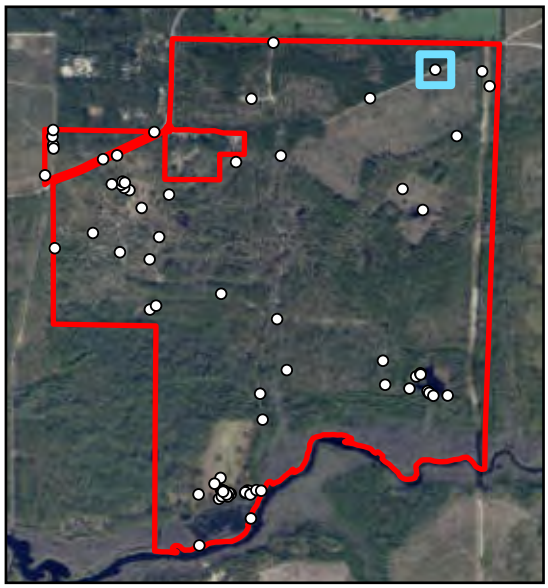
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 66:

Corrded 55-gallon drum



Legend

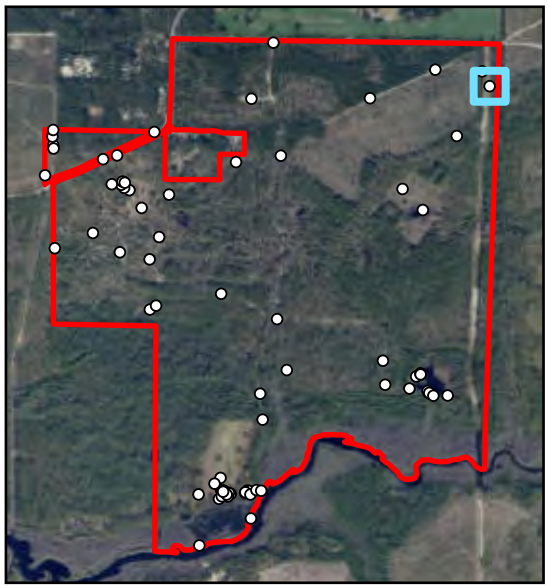
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 67:

Adjoining property to the East



Legend

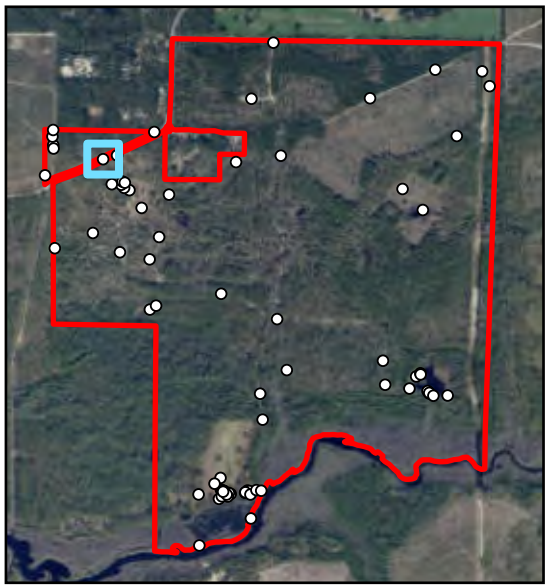
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 68:

Stickland Road



Legend

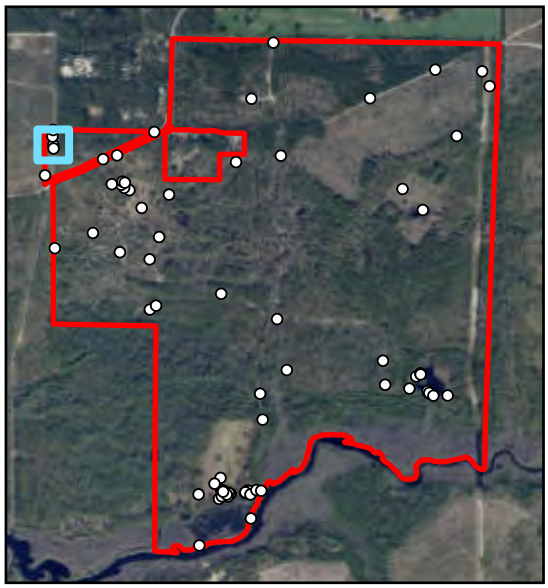
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 69:

Wood access gate.



Legend

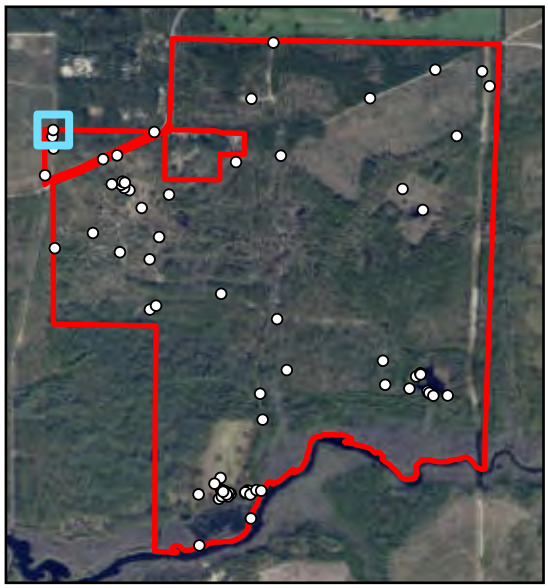
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

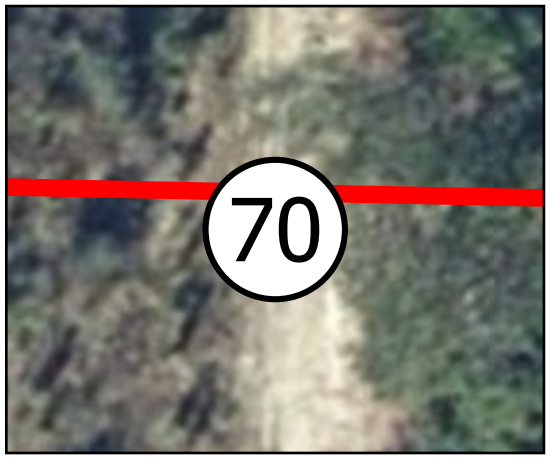
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 70:

Adjoining property to the north



Legend

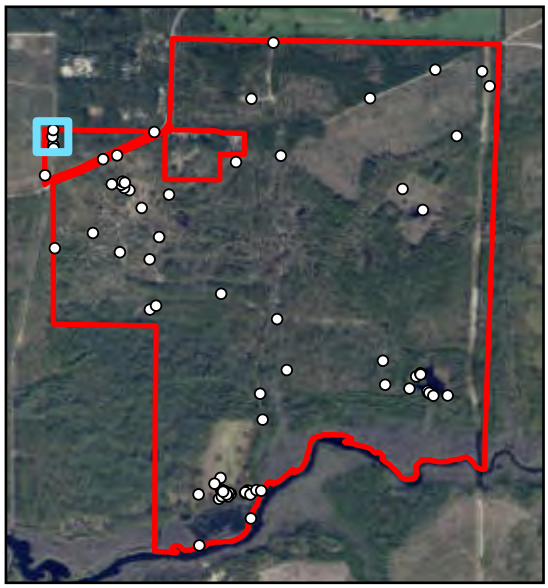
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 71:

Debris pile on Subject Property



Legend

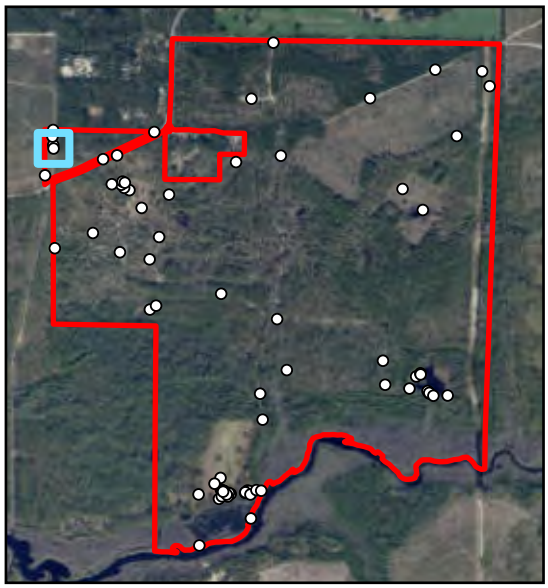
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 72:

Waste propane tank on Subject Property



Legend

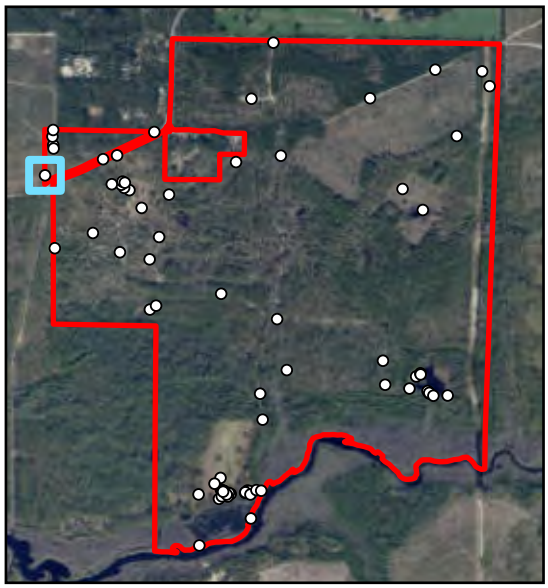
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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NORTHSTAR PROJECT NO.: 40-21-401

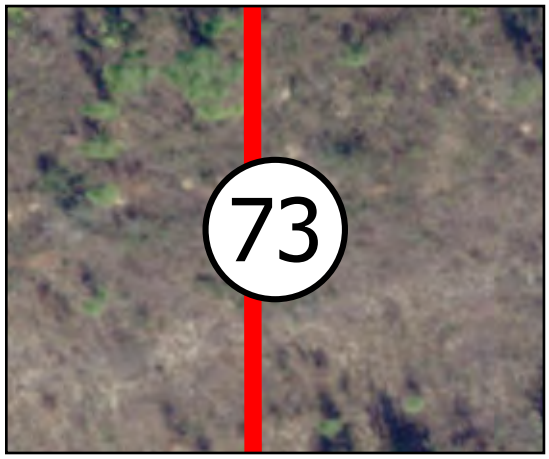
Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 73:

Adjoining property to the west



Legend

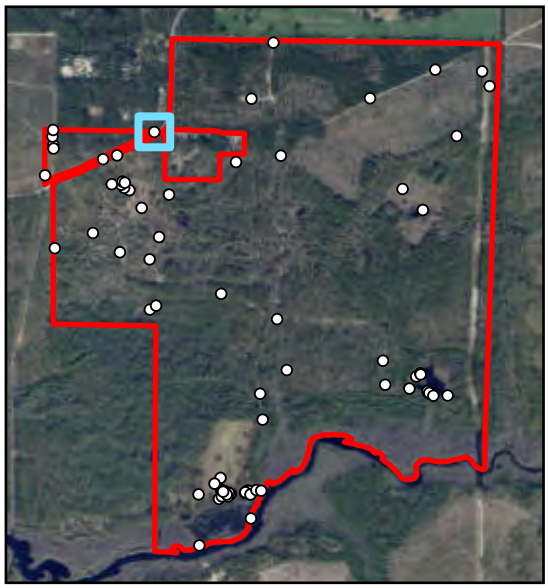
- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
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WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Overview Map



0 0.5 1 Miles

Detail Map

*Area shown indicated by blue outline on Overview Map.



Photograph 74:

Eastern corner of Subject Property



Legend

- Photo Observation
- Subject Property Boundary

PROJECT NO.: 40-21-401		GIS ID: Photo Observation Log	PROJECT MANAGER: PAMELA JACKSON, PG		
REVISION NO.: 00	REVISION DATE: 00/00/2020	DATE: 2/10/2021	DRN BY: MT	CHECK BY: CO	STATUS: DRAFT

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WASHINGTON CROSSING, LLC. PARCEL
SEVEN RUNS CREEK FINAL PHASE PROJECT
WASHINGTON COUNTY, FLORIDA
NORTHSTAR PROJECT NO.: 40-21-401

Appendix G

Historical Aerial Photographs

Historical Aerial Photo Report | 2021

Order Number: 49631
Report Generated: 01/21/2021

Project Name: Seven Runs Creek
Project Number: Seven Runs Creek

Seven Runs Creek
Washington County School District
Ebro, FL

---

2 Corporate Dr
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

Historical Aerial Photo Report *2021*

Envirosite's Historical Aerial Photo Report is designed to assist in evaluating a subject property resulting from past activities. Envirosite's Historical Aerial Photo Report includes a search of available historical aerial photographs, dating back to the 1930s, or earliest available photographs.

ENVIROSITE SEARCHED SOURCES

SUBJECT PROPERTY:

Seven Runs Creek
Washington County School District
Ebro, FL

YEAR:	***SCALE:***	***SOURCE:***
1941	1" = 1,000'	U.S.D.A
1942	1" = 1,000'	U.S.G.S
1949	1" = 1,000'	U.S.D.A
1951	1" = 1,000'	U.S.G.S
1955	1" = 1,000'	U.S.D.A
1964	1" = 1,000'	U.S.D.A
1974	1" = 1,000'	U.S.D.A
1976	1" = 1,000'	U.S.G.S
1978	1" = 1,000'	U.S.G.S
1979	1" = 1,000'	U.S.G.S
1983	1" = 1,000'	NHAP
1985	1" = 1,000'	NHAP
1994	1" = 1,000'	DOQ
1999	1" = 1,000'	DOQ
2007	1" = 1,000'	NAIP
2010	1" = 1,000'	NAIP
2013	1" = 1,000'	NAIP
2015	1" = 1,000'	NAIP
2017	1" = 1,000'	NAIP
2019	1" = 1,000'	NAIP

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All information contained in this report are based on data available from various public, government and other sources and are based upon the best data available from those sources. The information available in this report may be available from other sources and is not exclusive or the exclusive property of Envirosite Corporation.

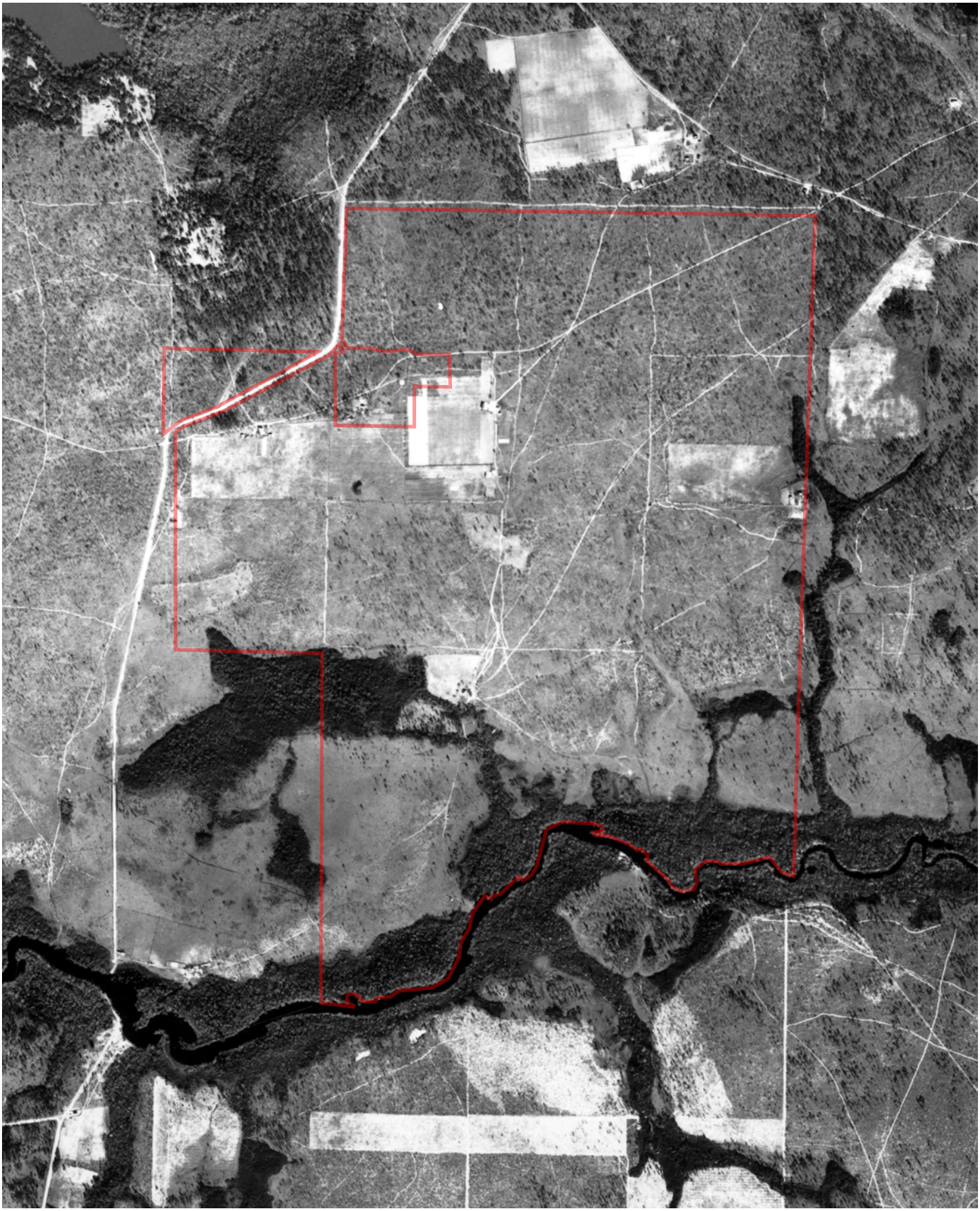
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FLIGHT YEAR:
1941

N
W E
S

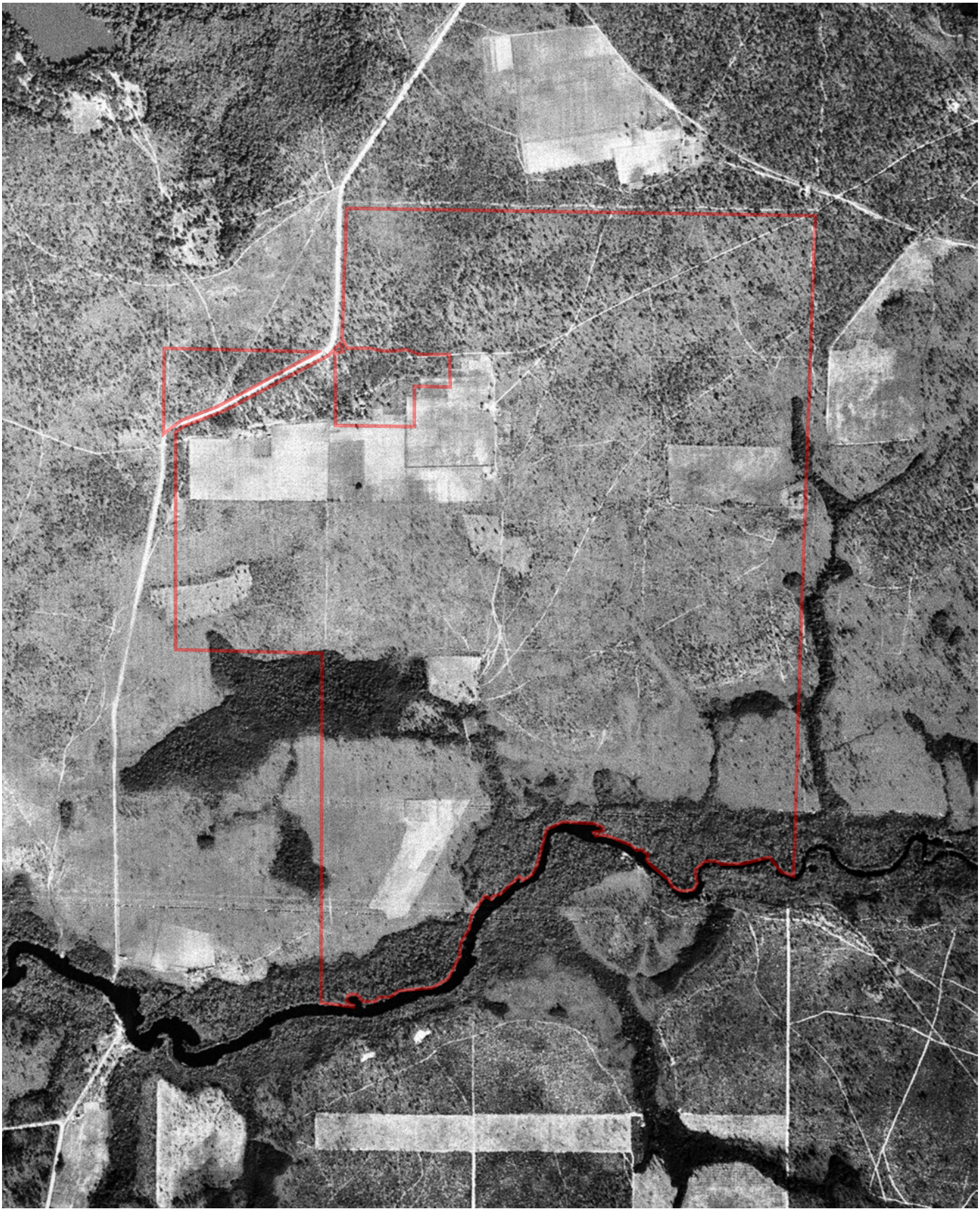
Scale: 1" = 1,000'



FLIGHT YEAR:
1942

N
W E
S

Scale: 1" = 1,000'

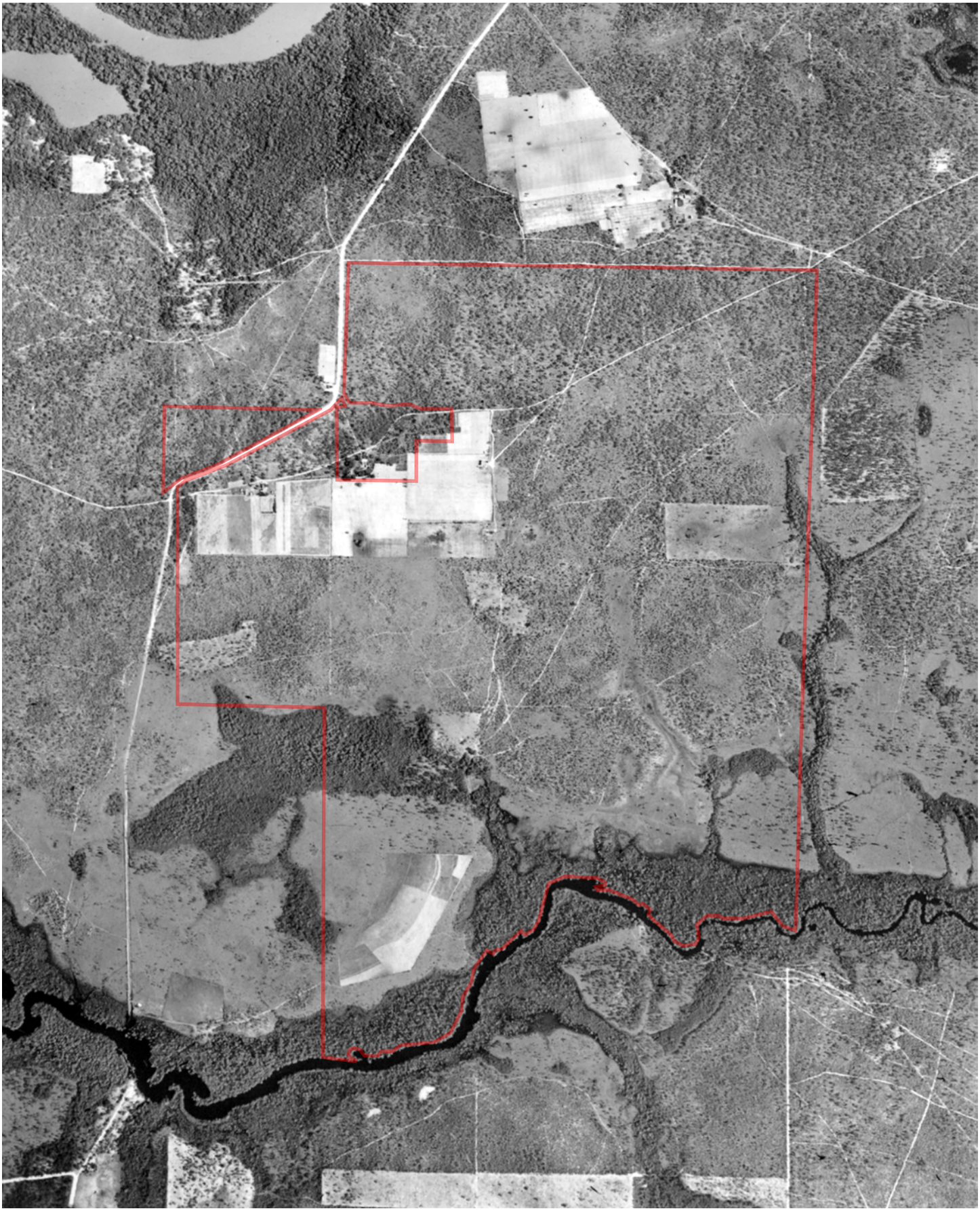


FLIGHT YEAR:
1949

Subject Cannot Be Centered

N
W E
S

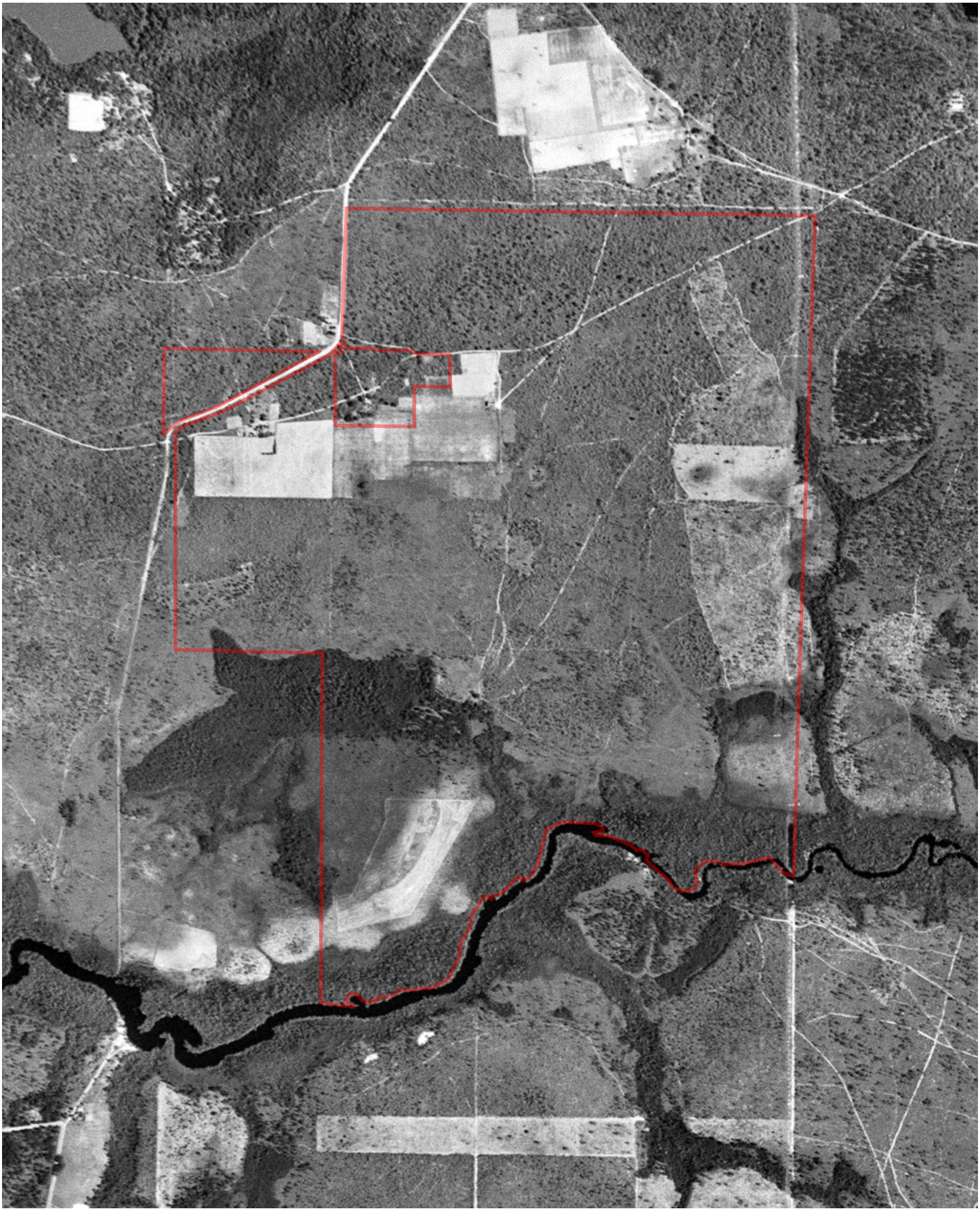
Scale: 1" = 1,000'



FLIGHT YEAR:
1951

N
W E
S

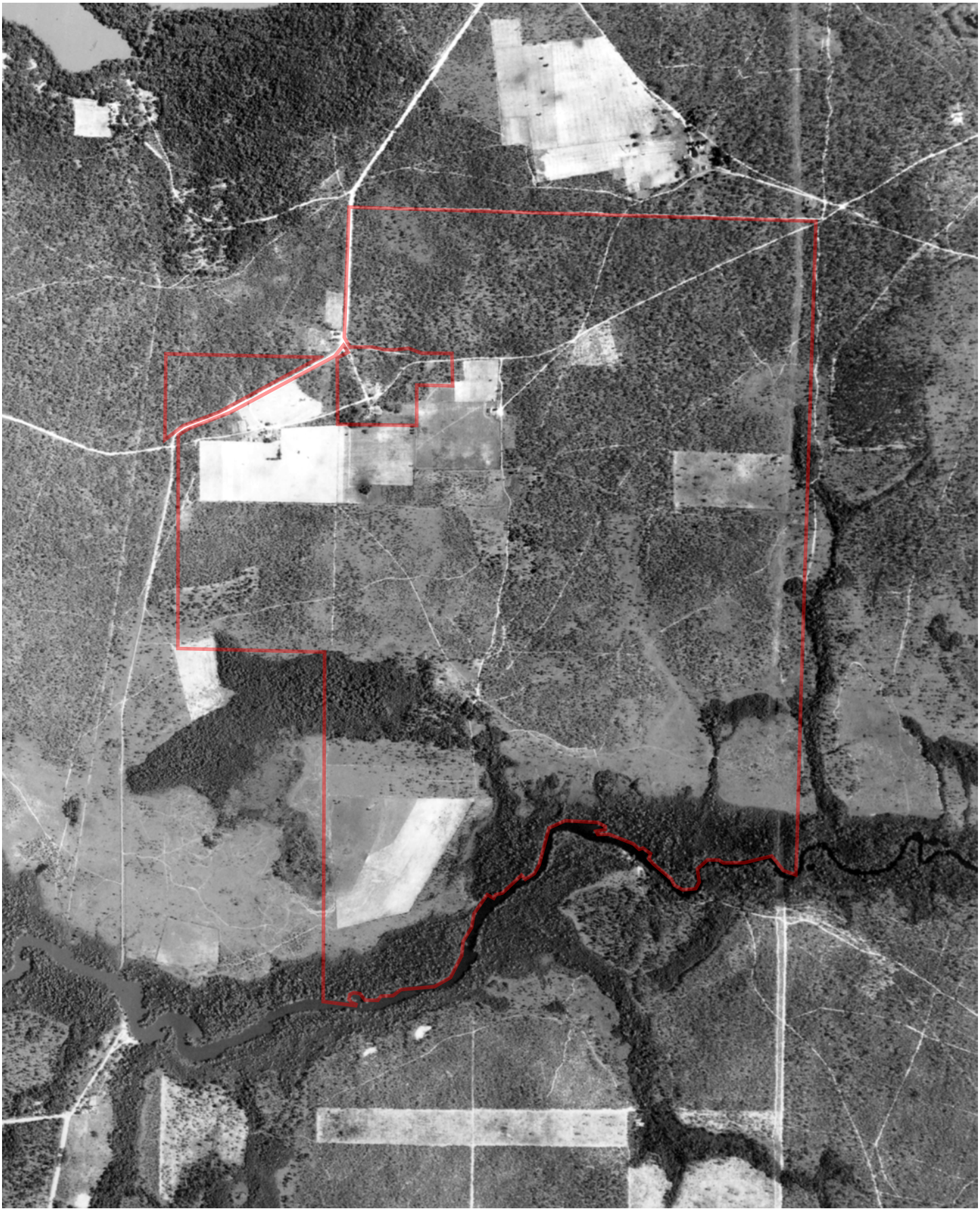
Scale: 1" = 1,000'



FLIGHT YEAR:
1955

N
W E
S

Scale: 1" = 1,000'

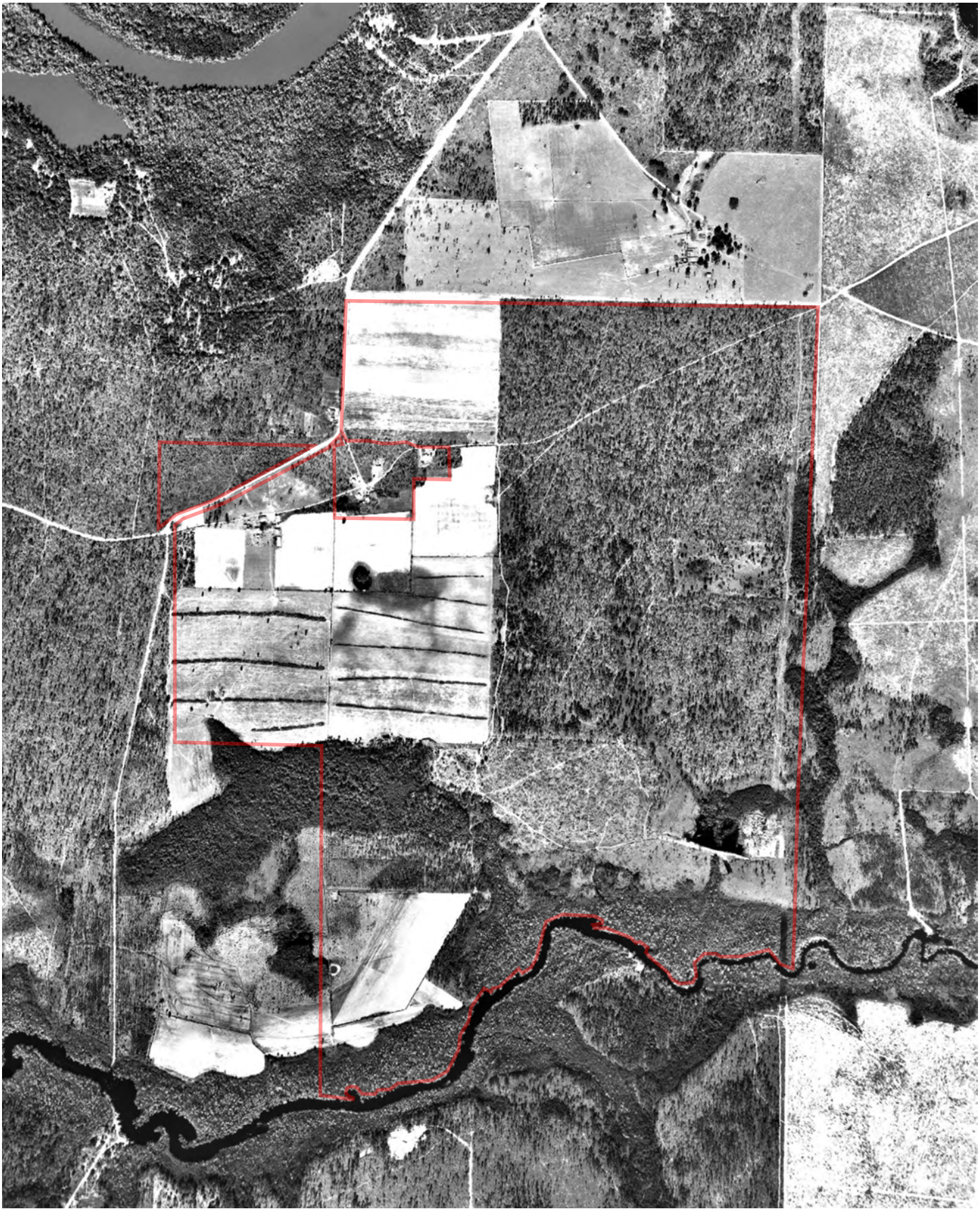


FLIGHT YEAR:
1964

Subject Cannot Be Centered

N
W E
S

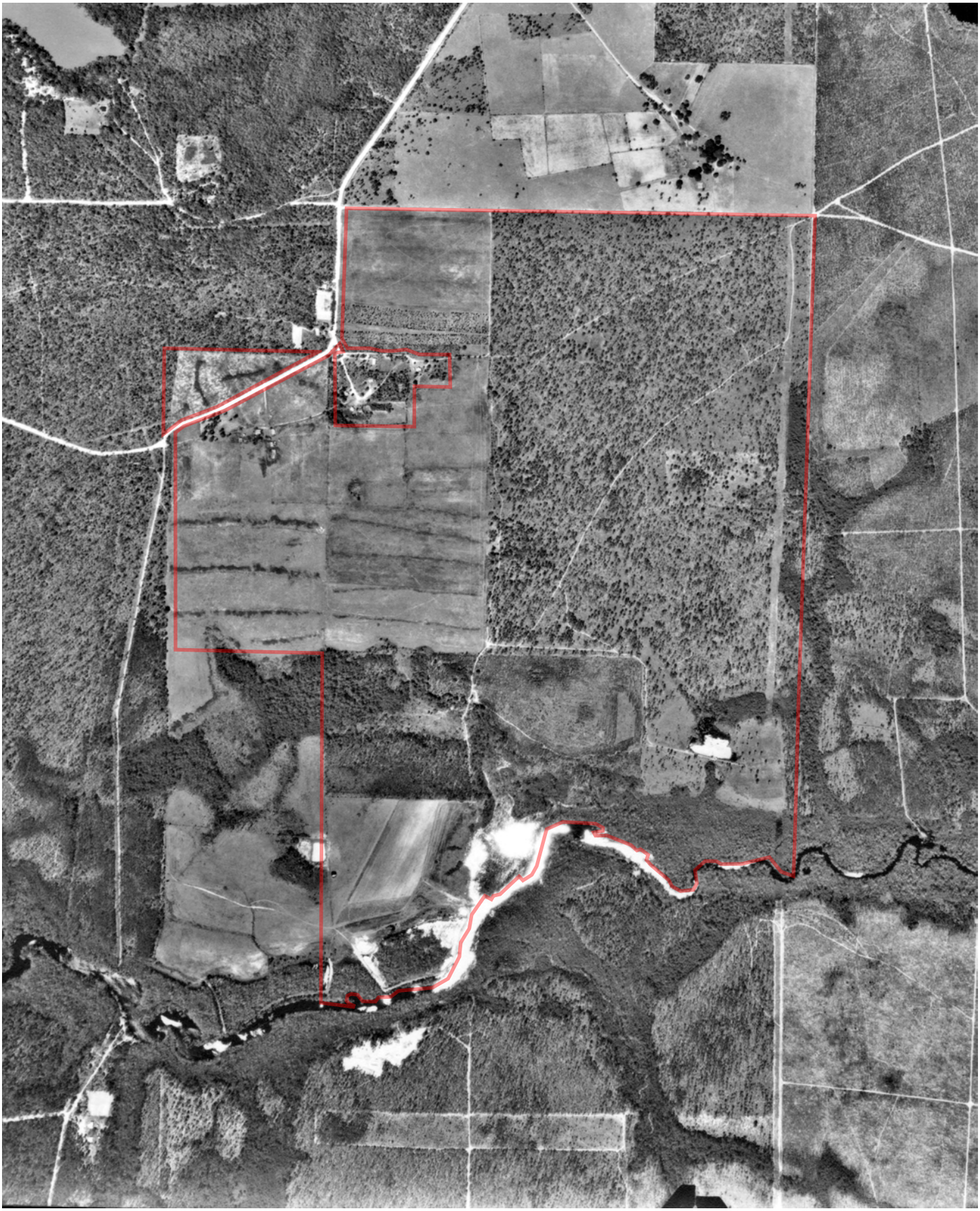
Scale: 1" = 1,000'



FLIGHT YEAR:
1974

N
W E
S

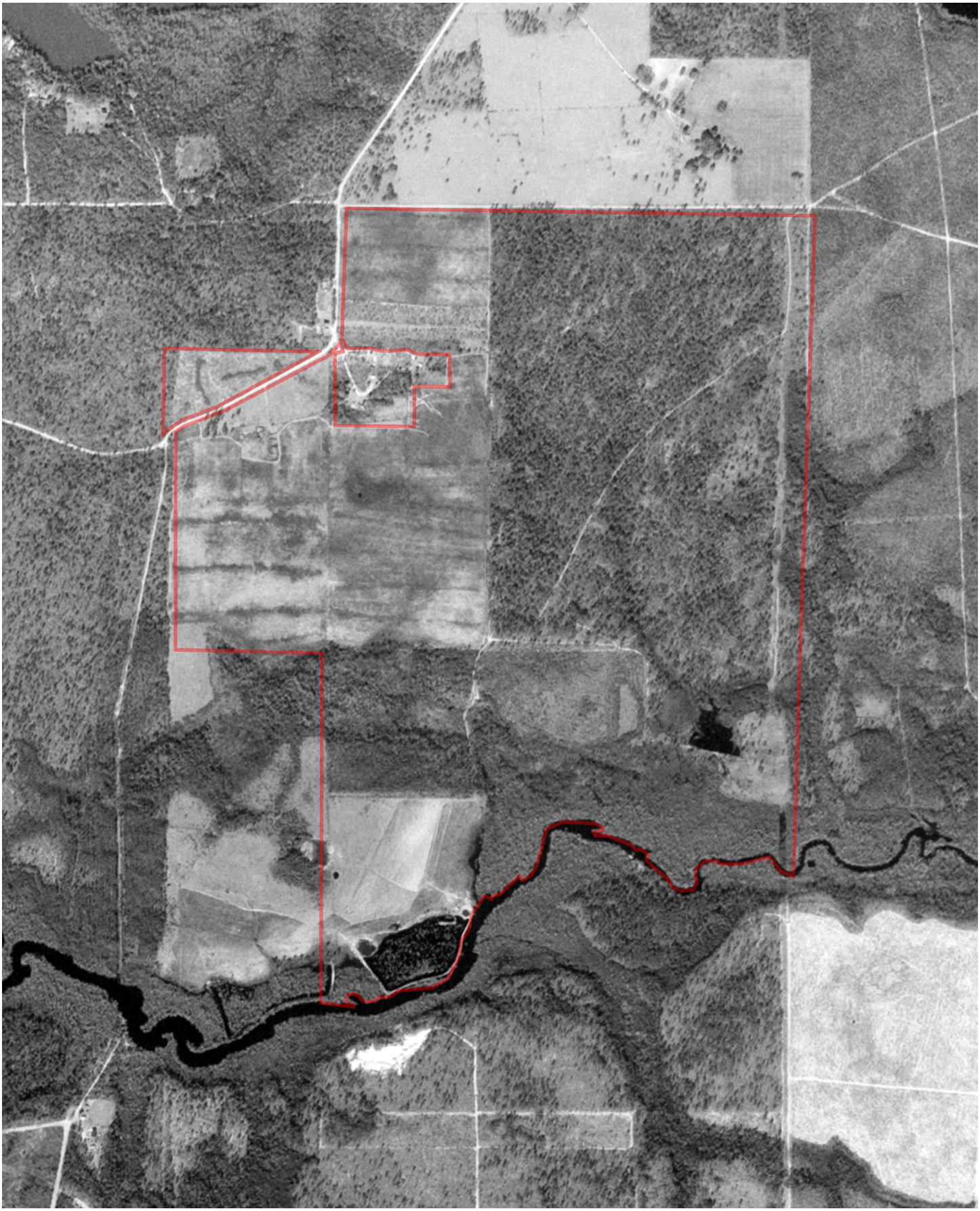
Scale: 1" = 1,000'



FLIGHT YEAR:
1976

N
W E
S

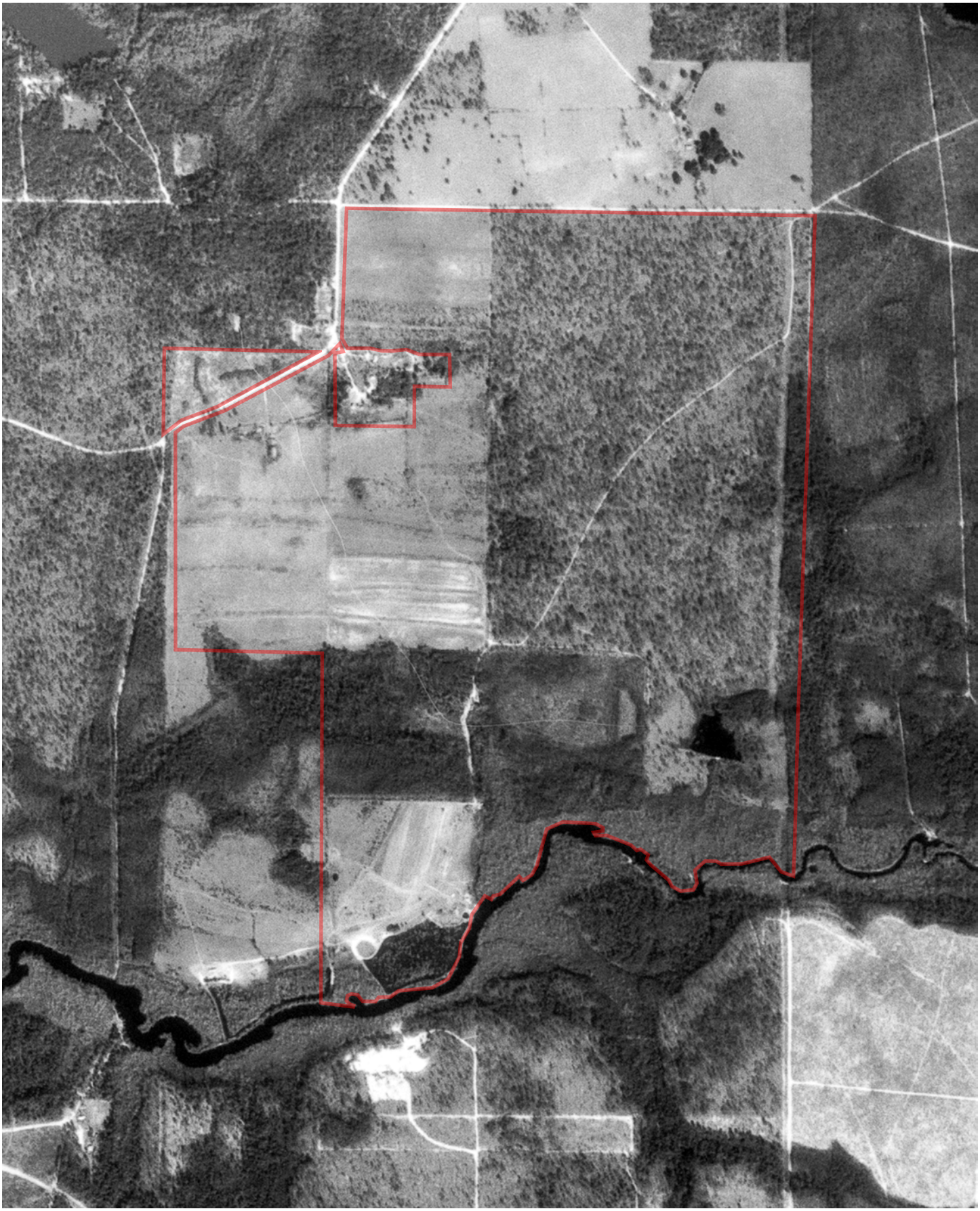
Scale: 1" = 1,000'



FLIGHT YEAR:
1978

N
W E
S

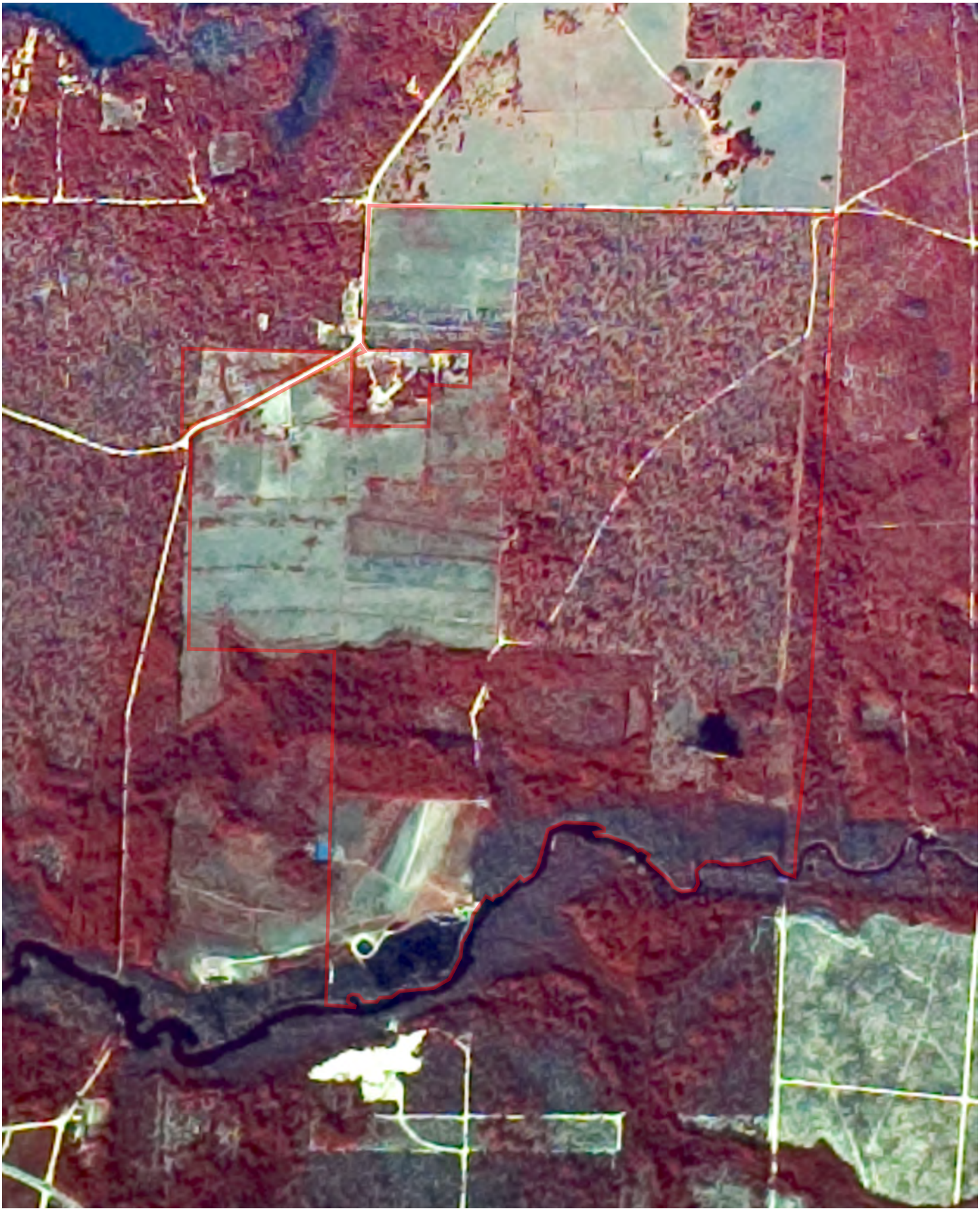
Scale: 1" = 1,000'



FLIGHT YEAR:
1979

N
W E
S

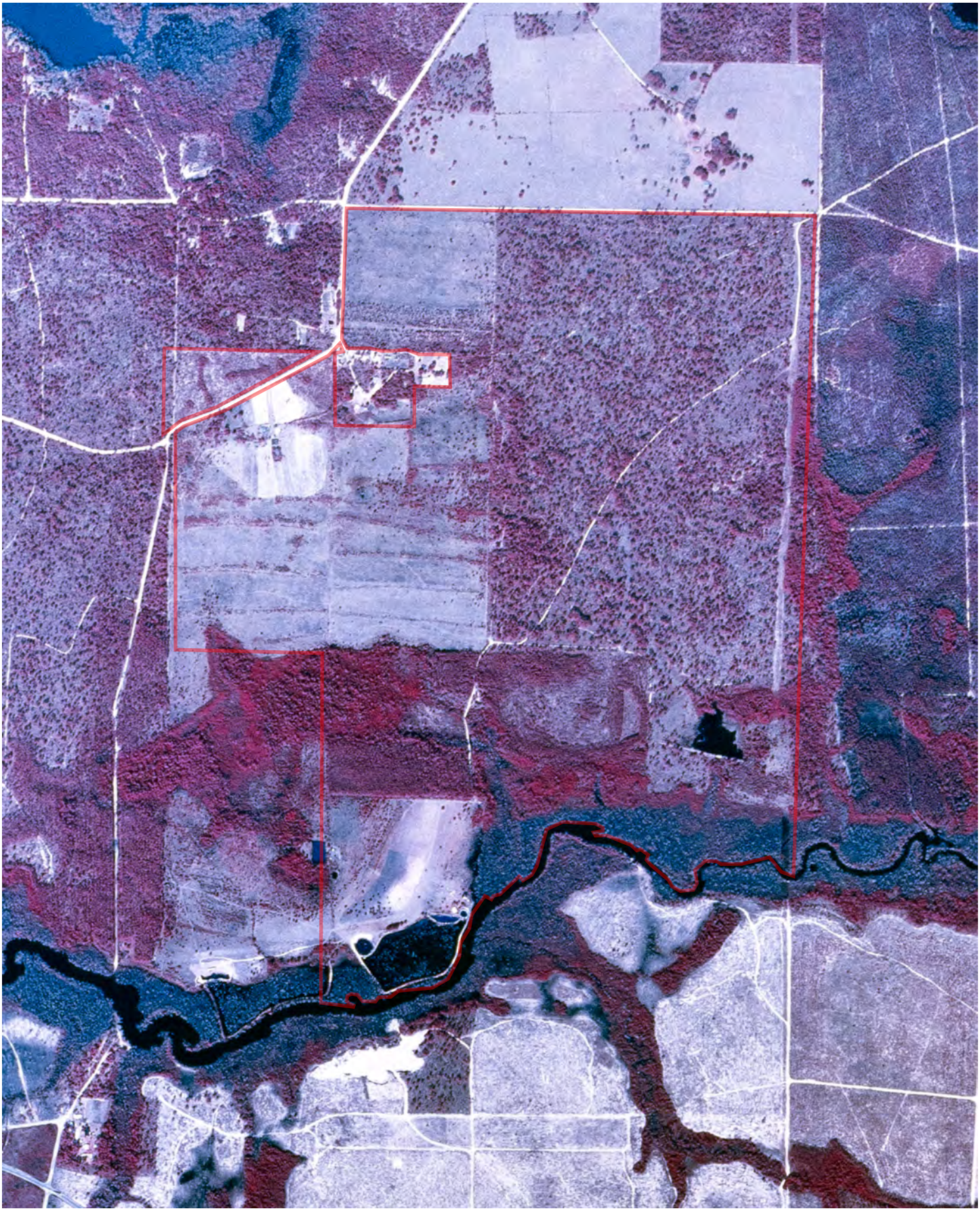
Scale: 1" = 1,000'



FLIGHT YEAR:
1983

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1985

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1994

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1999

N
W E
S

Scale: 1" = 1,000'

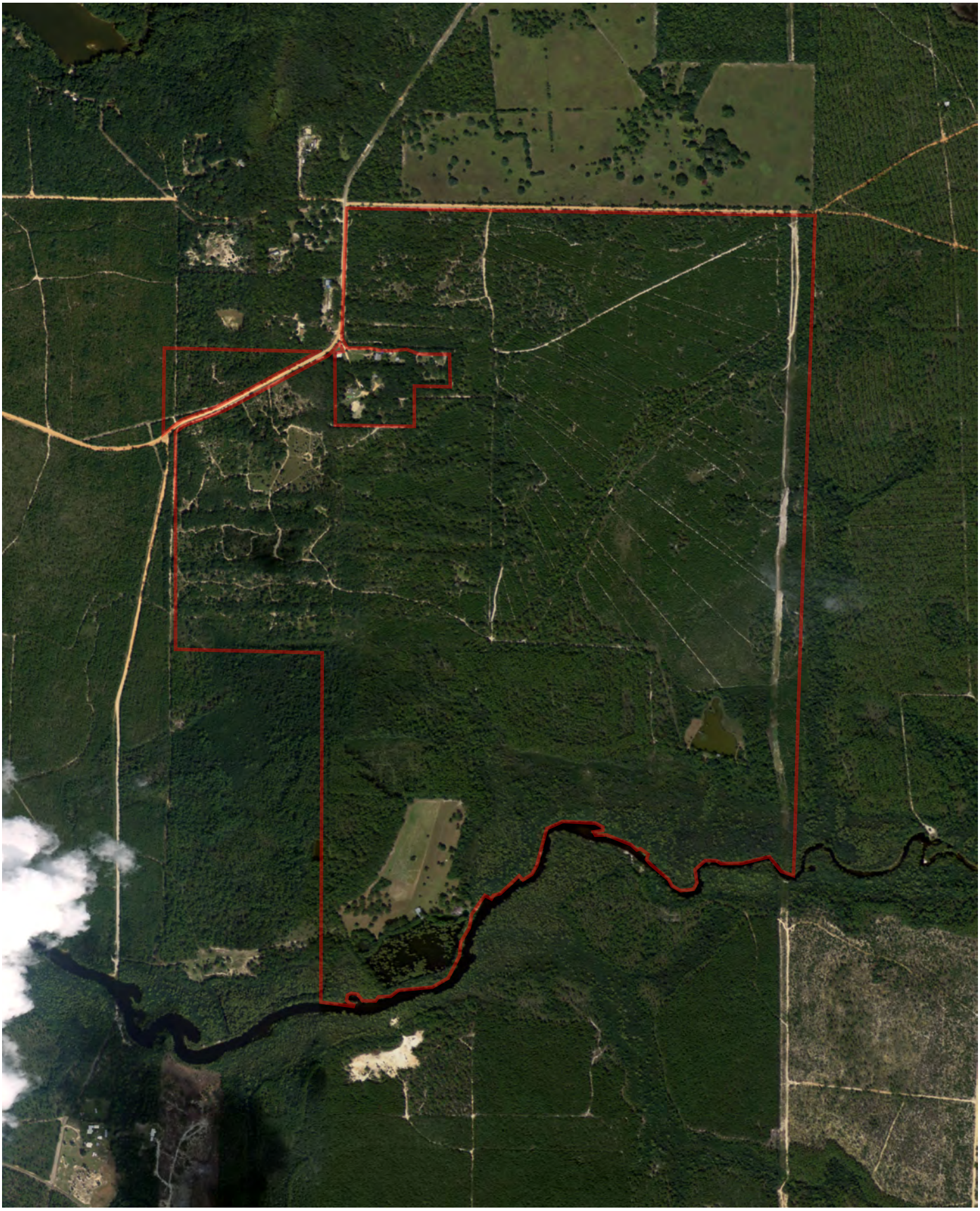


FLIGHT YEAR:
2007

Cloud Cover on Photo

N
W E
S

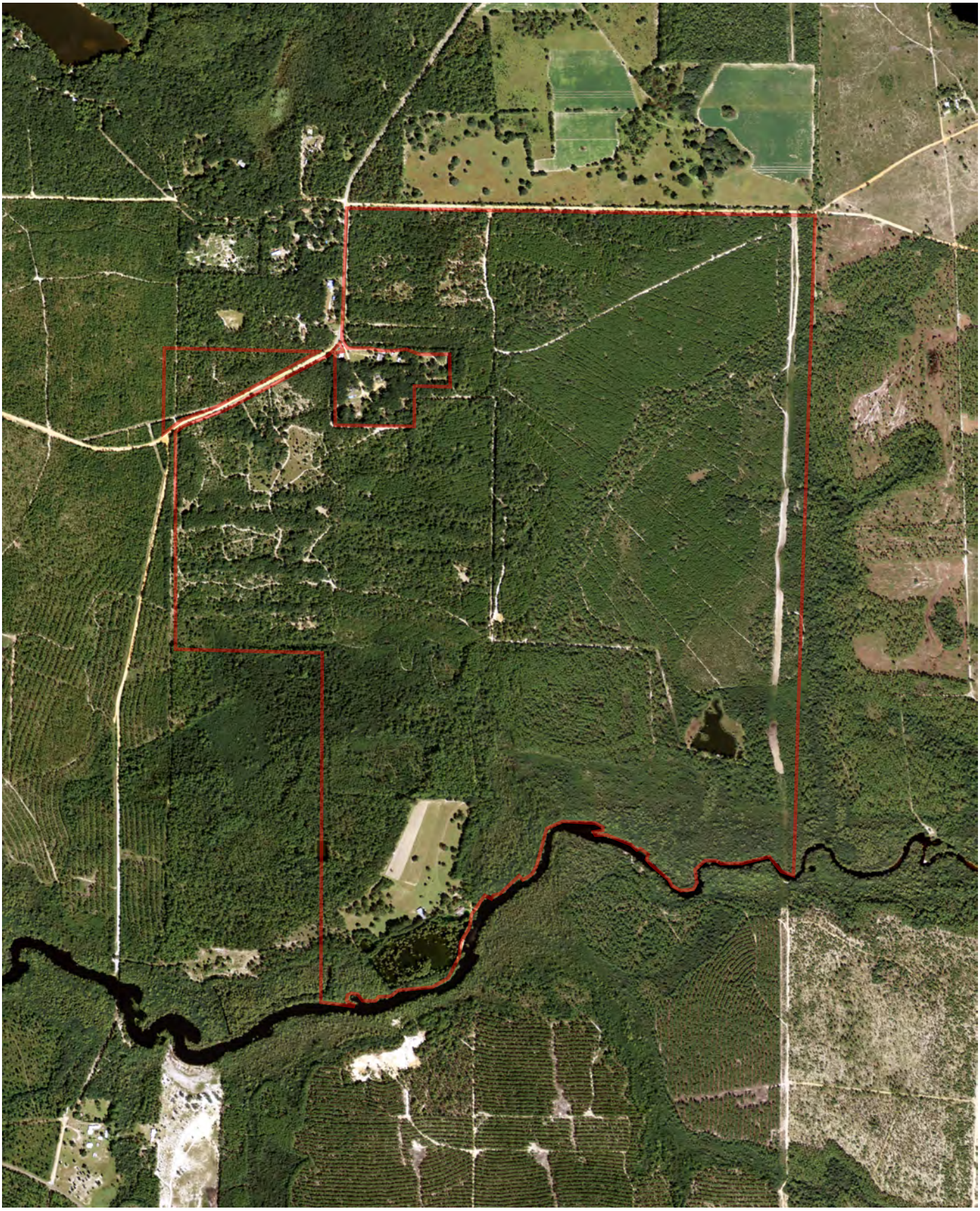
Scale: 1" = 1,000'



FLIGHT YEAR:
2010

N
W E
S

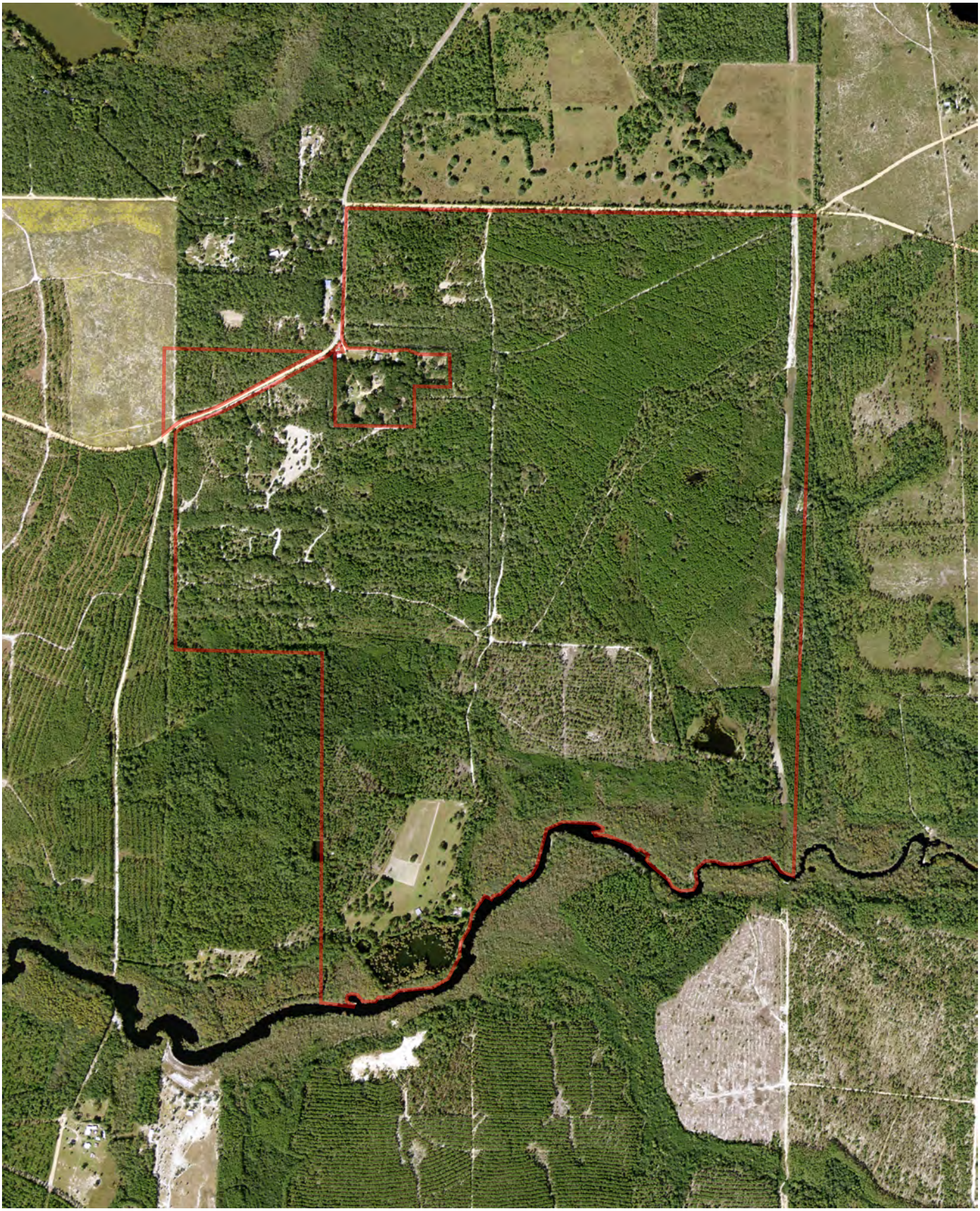
Scale: 1" = 1,000'



FLIGHT YEAR:
2013

N
W E
S

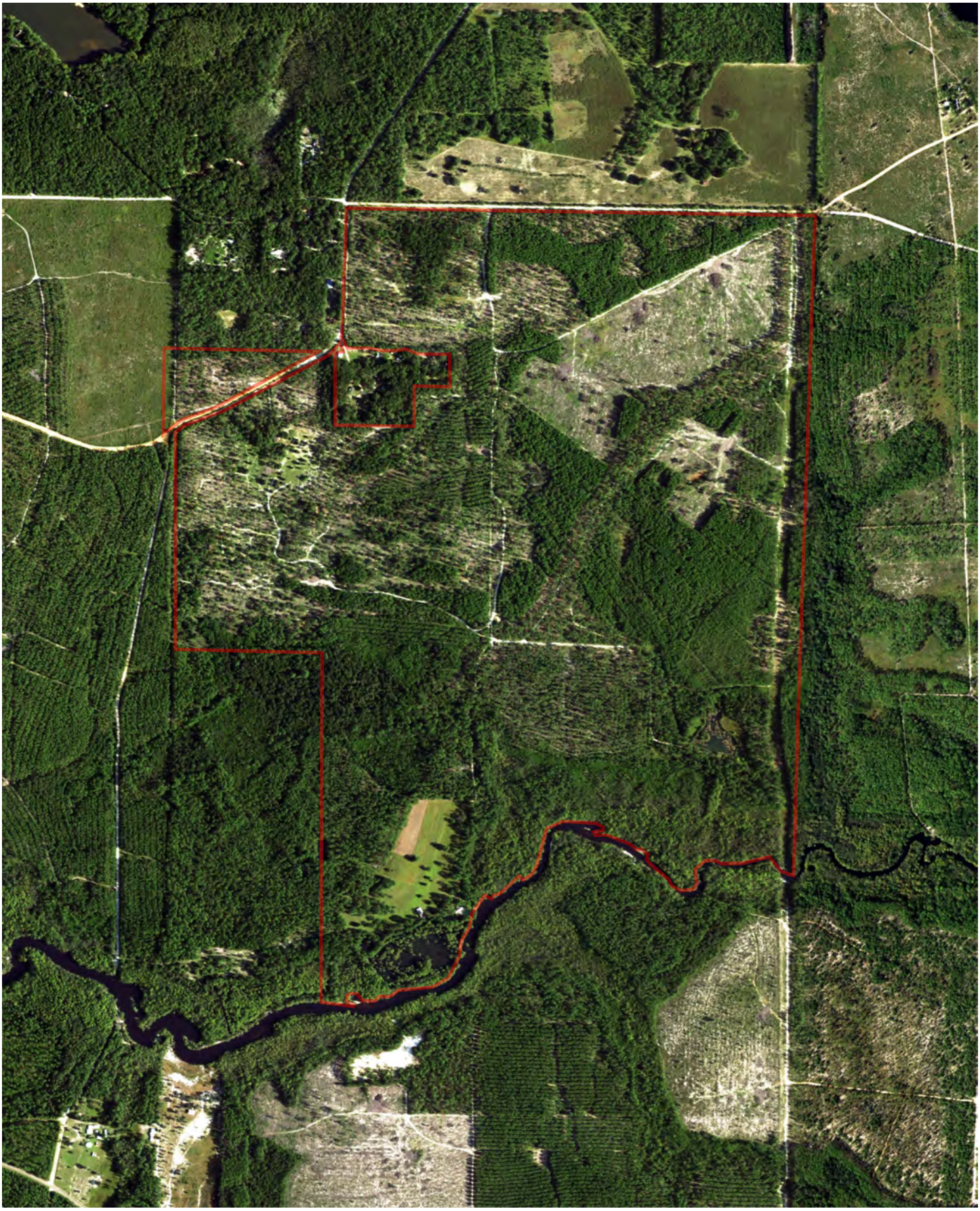
Scale: 1" = 1,000'



FLIGHT YEAR:
2015

N
W E
S

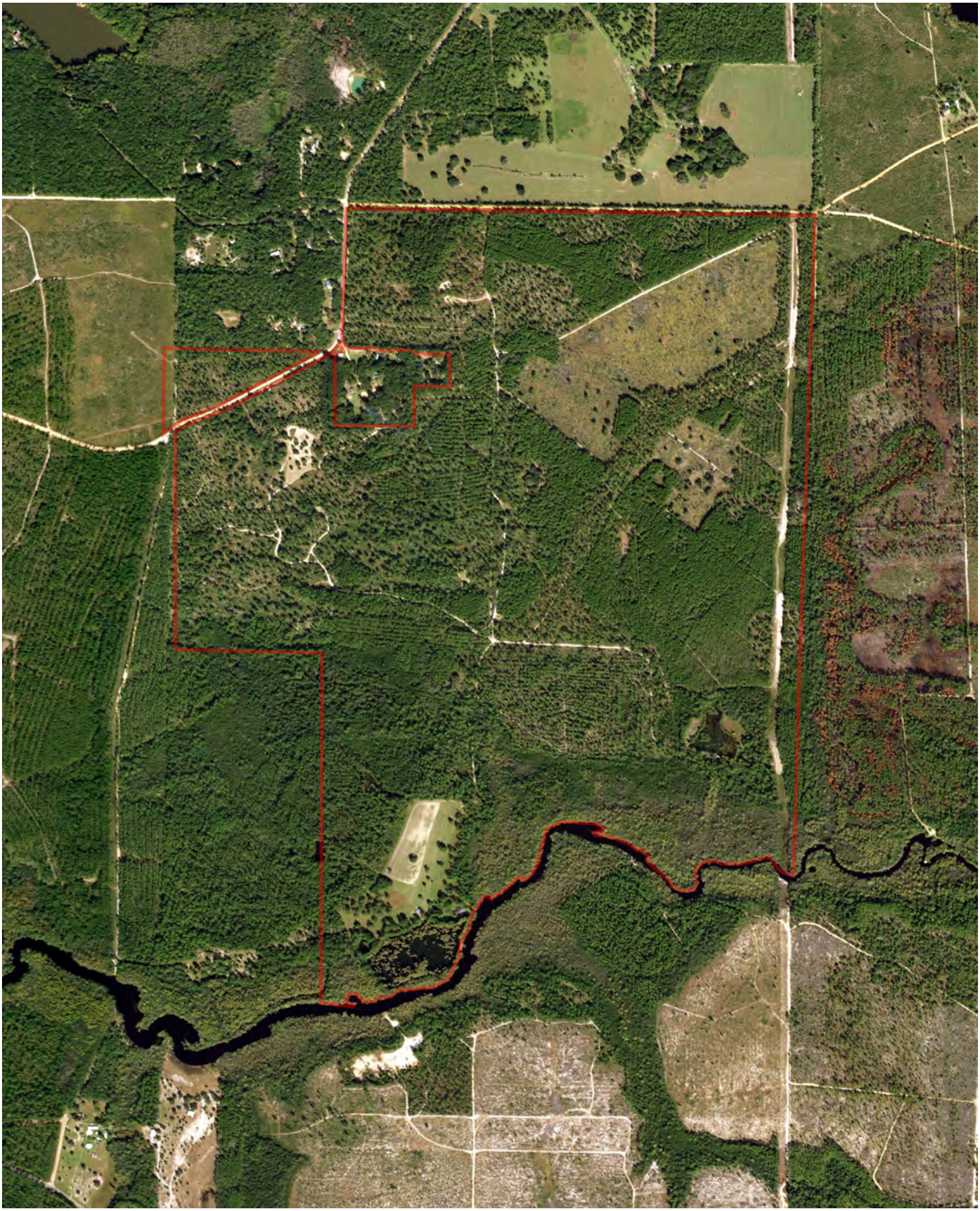
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FLIGHT YEAR:
2017

N
W E
S

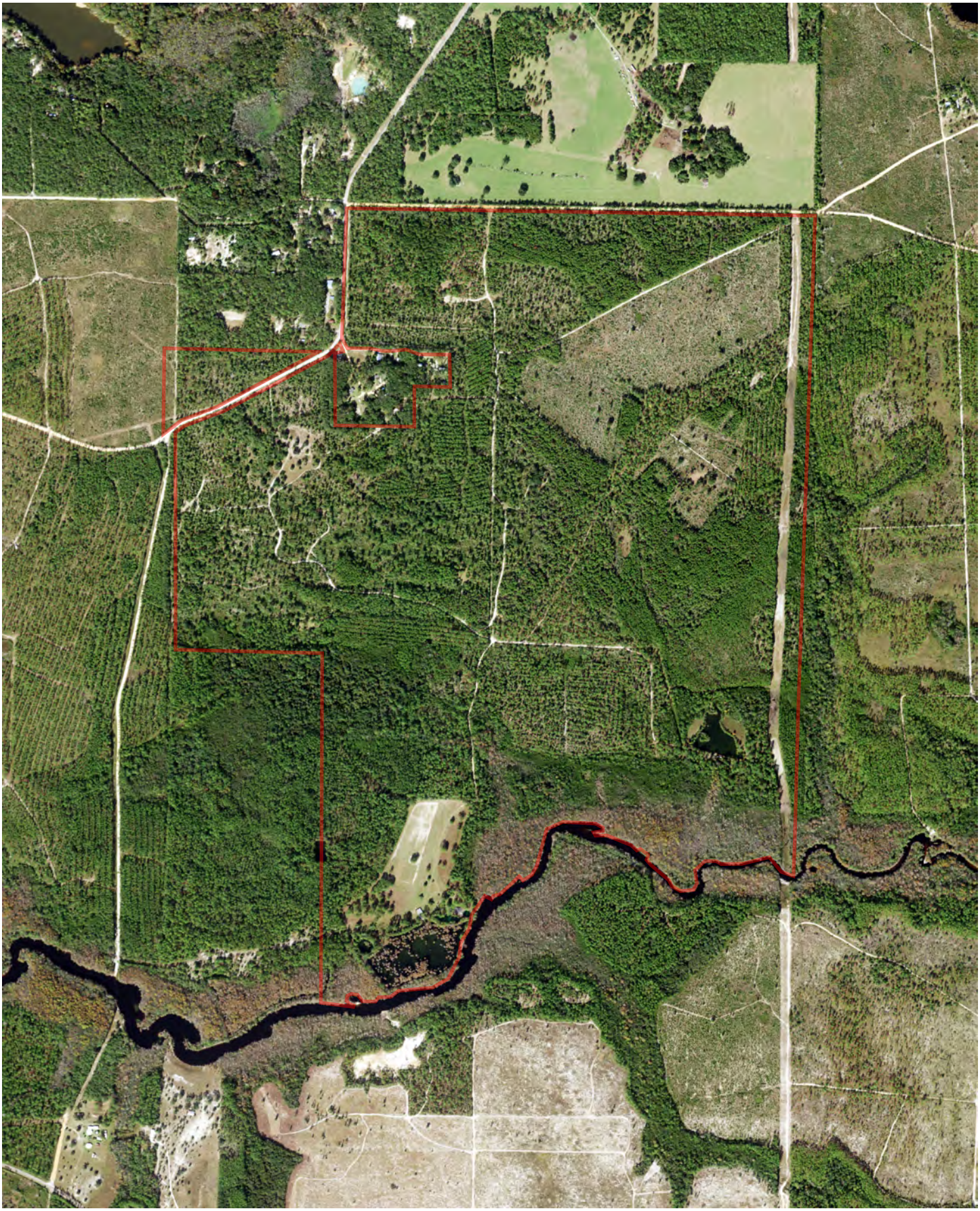
Scale: 1" = 1,000'



FLIGHT YEAR:
2019

N
W E
S

Scale: 1" = 1,000'



Appendix H

Government and Other Records Reviewed

Government Records Report | 2021

Order Number: 49631

Report Generated: 01/18/2021

Project Name: Seven Runs Creek

Project Number: Seven Runs Creek

Seven Runs Creek
Washington County School District
Ebro, FL

2 Corporate Drive
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

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Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-13 Environmental Site Assessments standard.

SUBJECT PROPERTY INFORMATION:

ADDRESS:

Seven Runs Creek
Washington County School District
Ebro, FL

COORDINATES:

Latitude (North):	30.416840 - 30°25'0.6"
Longitude (West):	-85.900148 - -85°54'0.5"
Universal Transverse Mercator:	Zone 16N
UTM X (Meters):	605635.25
UTM Y (Meters):	3365489.38

ELEVATION:

Elevation:	49.839 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:

Subject Property Map: 30085-D8 Bruce, FL
Most Recent Revision: 2018

No Mapped Sites

SUBJECT PROPERTY SEARCH RESULTS:

The subject property was not listed in any of the databases searched by Envirosite Corporation.

SEARCH RESULTS:

No unmappable sites reported.

DATABASE(S) WITH NO MAPPED SITES:

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

FEDERAL CERCLIS LIST

CERCLIS NFRAP	Comprehensive Environmental Response Compensation and Liability Act No Further Remedial Action Planned
CERCLIS-HIST	Comprehensive Environmental Response Compensation and Liability Act
FEDERAL FACILITY	Federal Facility sites
SEMS_8R_ACTIVE SITES	Sites on SEMS Active Site Inventory
SEMS_8R_ARCHIVED SITES	Sites on SEMS Archived Site Inventory

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS	Hazardous Waste Corrective Action
HIST CORRACTS 2	Historical Hazardous Waste Corrective Action

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL	Delisted National Priority List
DELISTED PROPOSED NPL	Delisted proposed National Priority List
SEMS_DELETED NPL	Sites Deleted from National Priorities List

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP	EPA Landfill Methane Outreach Project Database

FEDERAL ERNS LIST

ERNS	Emergency Response Notification System

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

FED E C	Engineering Controls
FED I C	Institutional Controls
RCRA IC_EC	RCRA sites with Institutional and Engineering Controls

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_ Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_LQG	Resource Conservation and Recovery Act_ Large Quantity Generators
RCRA_NONGEN	Resource Conservation and Recovery Act_Non Generators
RCRA_SQG	Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_VSQG	Resource Conservation and Recovery Act_Very Small Quantity Generator

FEDERAL NPL SITE LIST

NPL	National Priority List
NPL EPA R1 GIS	GIS for EPA Region 1 NPL
NPL EPA R3 GIS	GIS for EPA Region 3 NPL

FEDERAL NPL SITE LIST *(cont.)*

NPL EPA R6 GIS	GIS for EPA Region 6 NPL
NPL EPA R8 GIS	GIS for EPA Region 8 NPL
NPL EPA R9 GIS	GIS for EPA Region 9 NPL
PART NPL	Part National Priority List
PROPOSED NPL	Proposed National Priority List
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST	FEMA Underground Storage Tanks
INDIAN UST R1	Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN UST R10	Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN UST R2	Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN UST R4	Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN UST R5	Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN UST R6	Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN UST R7	Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R8	Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN UST R9	Underground Storage Tanks on Indian Land in EPA Region 9
AST - FL	Aboveground Storage Tanks
AST_BROWARD COUNTY - FL	Broward County Aboveground Storage Tanks
HIST AST - FL	Historical Aboveground Storage Tanks
HIST UST - FL	Historical Underground Storage Tanks
UST - FL	Underground Storage Tanks
UST_BROWARD COUNTY - FL	Broward County Underground Storage Tanks
UST_MIAMI-DADE COUNTY - FL	Miami-Dade County Underground Storage Tanks

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS	Tribal Brownfields
BROWNFIELDS - FL	Brownfields
BROWNFIELDS_AREAS - FL	Brownfields

STATE- AND TRIBAL - EQUIVALENT CERCLIS

CS - FL	Cleanup Sites
SHWS - FL	State hazardous waste sites
SITES - FL	The Sites List

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

E C - FL	Engineering Controls
I C - FL	Institutional Controls

STATE RCRA GENERATORS LIST

HIST TSD - FL	Historical State Treatment Storage & Disposal Facility List
LQG - FL	State Large Quantity Generators
SQG - FL	State Small Quantity Generators
TRA - FL	State Hazardous Waste Transporters
TSD - FL	State Treatment Storage & Disposal Facilities

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN LUST R2	Leaking Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land in EPA Region 9
LAST - FL	LAST

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

LUST - FL	Leaking Underground Storage Tanks

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - FL	Solid Waste Facilities and Landfills

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - FL	Voluntary Cleanup Program

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES	EPA ACRES Brownfields
FED BROWNFIELDS	Federal Brownfields

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL	DOJ Clandestine Drug Labs
US HIST CDL	Historical Clandestine Drug Labs
CS_BROWARD COUNTY - FL	Broward County Contaminated Sites
CS_MIAMI-DADE COUNTY - FL	Miami-Dade County Contaminated Sites
DWM CONTAM - FL	DWM Contaminated Sites List
HAZMAT FACILITIES_BROWARD COUNTY - FL	Broward County Hazardous Material Facilities
RESP PARTY - FL	Responsible party waste cleanups - Open, Closed, Inactive

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT)	Hazardous Materials Information Reporting Systems
FUEL SPILL_MIAMI-DADE COUNTY - FL	Miami-Dade County Fuel Spills Cases
SPILLS - FL	Hazardous Material Logbook

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8	Historical Open Dump Inventory
INDIAN ODI R8	Open Dump Inventory
ODI	Open Dump Inventory
TRIBAL ODI	Indian Open Dump Inventory Sites
HIST SWRCY - FL	Historical Recycling Centers
SWF_MIAMI-DADE COUNTY - FL	Miami-Dade County Solid waste facilities
SWRCY - FL	Recycling Centers

LOCAL LAND RECORDS

LIENS 2	CERCLA Lien Information

OTHER ASCERTAINABLE RECORDS

AFS	Air Facility Systems
ALT FUELING	Alternative Fueling Stations
AST PBS	ASTs at Bulk Petroleum Terminals
BRS	Biennial Reporting Systems
CDC HAZDAT	Hazardous Substance Release and Health Effects Information
COAL ASH DOE	Coal Ash: Department of Energy
COAL ASH EPA	Coal Ash: Environmental Protection Agency
COAL GAS	Coal Gas Plants
CONSENT (DECREES)	Superfund Consent Decree
CORRECTIVE ACTIONS_2020	Wastes - Hazardous Waste - Corrective Action
DEBRIS R5 LF	Disaster Debris Landfill Data
DEBRIS R5 SWRCY	Disaster Debris Recovery Data
DOD	Department of Defense
DOT OPS	Department of Transportation Office of Pipeline Safety
ECHO	EPA Enforcement and Compliance History Online
ENOI	Electronic Notice of Intent
EPA FUELS	EPA Fuels Registration, Reporting, and Compliance List
EPA OSC	EPA On-Site Coordinator
EPA WATCH	EPA Watch List
FA HWF	Financial Assurance for Hazardous Waste Facilities
FEDLAND	Federal Lands

OTHER ASCERTAINABLE RECORDS *(cont.)*

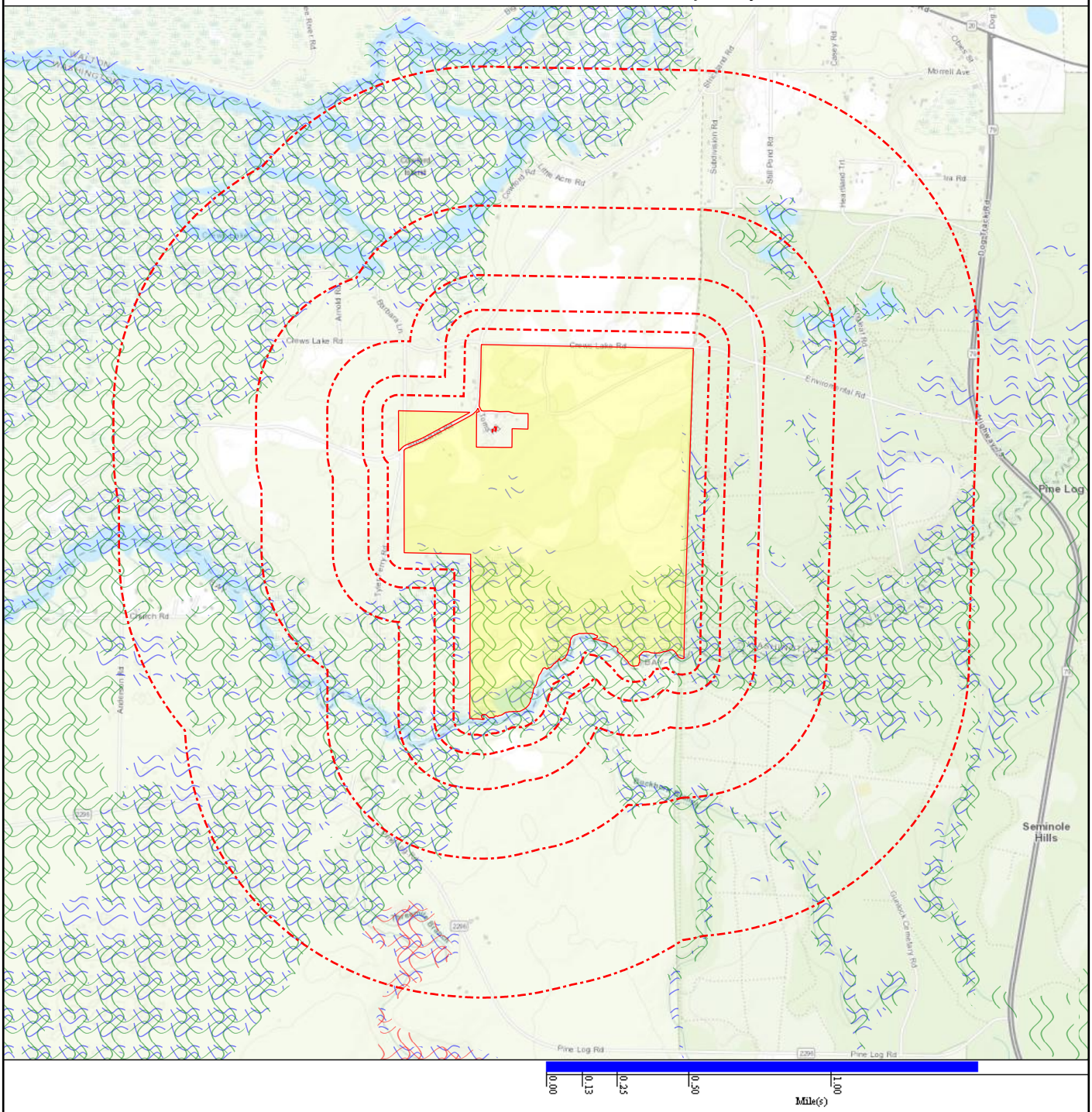
FRS	Facility Index Systems
FTTS	FIFRA/TSCA Tracking System
FTTS INSP	FIFRA/TSCA Tracking System: Inspections
FUDS	Formerly Used Defense Sites
HIST AFS	Historical Air Facility Systems
HIST AFS 2	Historical Air Facility Systems
HIST DOD	Department of Defense historical sites
HIST LEAD_SMELTER	Historical Lead Smelter Sites
HIST MLTS	Historical Material Licensing Tracking Systems
HIST PCB TRANS	Historical Polychlorinated Biphenyl (PCB) Facilities
HIST PCS ENF	Historical Enforced Permit Compliance Facilities
HIST PCS FACILITY	Historical Permit Compliance Facilities
HIST SSTS	Historical Section 7 Tracking Systems
HWC DOCKET	Hazardous Waste Compliance Docket
ICIS	Integrated Compliance Information System
INACTIVE PCS	Inactive Permit Compliance Facilities
INDIAN RESERVATION	Indian Reservations
LUCIS	Land Use Control Information Systems
LUCIS 2	Land Use Control Information Systems 2
MINES	Mines
MINES USGS	Mines list from USGS
MLTS	Material Licensing Tracking Systems
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
OSHA	Occupational Safety & Health Administration
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
PCS ENF	Enforced Permit Compliance Facilities
PCS FACILITY	Permit Compliance Facilities
RAATS	RCRA Administrative Action Tracking Systems
RADINFO	Radiation Information Systems
RMP	Risk Management Plans
ROD	Record of Decision
SCRD DRYCLEANERS	SCRD Drycleaners
SEMS_SMELTER	Sites on SEMS Potential Smelter Activity
SSTS	Section 7 Tracking Systems
STORMWATER	Storm Water Permits
TOSCA-PLANT	Toxic Substance Control Act: Plants
TRIS	Toxic Release Inventory Systems
UMTRA	Uranium Mill Tailing Sites
VAPOR	EPA Vapor Intrusion
AIRS - FL	Air Permitted Facilities
AIRS_MIAMI-DADE COUNTY - FL	Miami-Dade County Air permits
CAP_MIAMI-DADE COUNTY - FL	Miami-Dade County Construction air permits
CATTLE DIPPING VATS - FL	Cattle Dipping Vats
COAL ASH - FL	COAL ASH
DAYCARE - FL	Daycares
DEDB - FL	Ethylene Dibromide
DRYCLEANERS - FL	Drycleaners
ENF_MIAMI-DADE COUNTY - FL	Miami-Dade County enforcement
FA 1 - FL	Financial Assurance 1
FA 2 - FL	Financial Assurance 2
FA 3 - FL	Financial Assurance - UST
FACILITY LIST_ALACHUA COUNTY - FL	Alachua County Facility List
FF TANKS - FL	Federal Facility Tank Listing
GTO_MIAMI-DADE COUNTY - FL	Miami-Dade County Grease traps
GWCA - FL	Ground water contaminated areas
GWIF - FL	Groundwater Monitoring

OTHER ASCERTAINABLE RECORDS *(cont.)*

GWP_MIAMI-DADE COUNTY - FL	Miami-Dade County Water Quality permits
HAZ WASTE_MIAMI-DADE COUNTY - FL	Miami-Dade County Hazardous Waste Sites
HIST CAP_MIAMI-DADE COUNTY - FL	Historical Miami-Dade County Construction air permits
HIST CATTLE DIPPING VATS - FL	Historical Cattle Dipping Vats
HIST DEDB - FL	Historical Ethylene Dibromide
HIST FF TANKS - FL	Historical Federal Facility Tank Listing
HIST MINES - FL	State mine records
IW SQG_MIAMI-DADE COUNTY - FL	Miami-Dade County Industrial waste small quantity generators
IW_MIAMI-DADE COUNTY - FL	Miami-Dade County Industrial waste permits
IWP_MIAMI-DADE COUNTY - FL	Miami-Dade County Industrial waste pretreatment facilities
LWT_MIAMI-DADE COUNTY - FL	Miami-Dade County Liquid Waste Transporters
MINES - FL	State mine records
MOP_MIAMI-DADE COUNTY - FL	Miami-Dade County Marine Facilities Operating Permit
MRE_MIAMI-DADE COUNTY - FL	Miami-Dade County Maimi River Enforcement
NPDES - FL	State Wastewater and NPDES Permits
PRIORITY CLEANERS - FL	Drycleaner Priority Ranking List
SIS - FL	Site investigation section sites
T 2 - FL	Tier II Facilities
UIC - FL	Underground Injection Wells
VIOLATION_BROWARD COUNTY - FL	Broward County Violation Notices
WASTEWATER - FL	Wastewater Facilities

SUBJECT NAME: Seven Runs Creek
ADDRESS: Washington County School District, Ebro, FL
LAT/LONG: 30.416840 / -85.900148

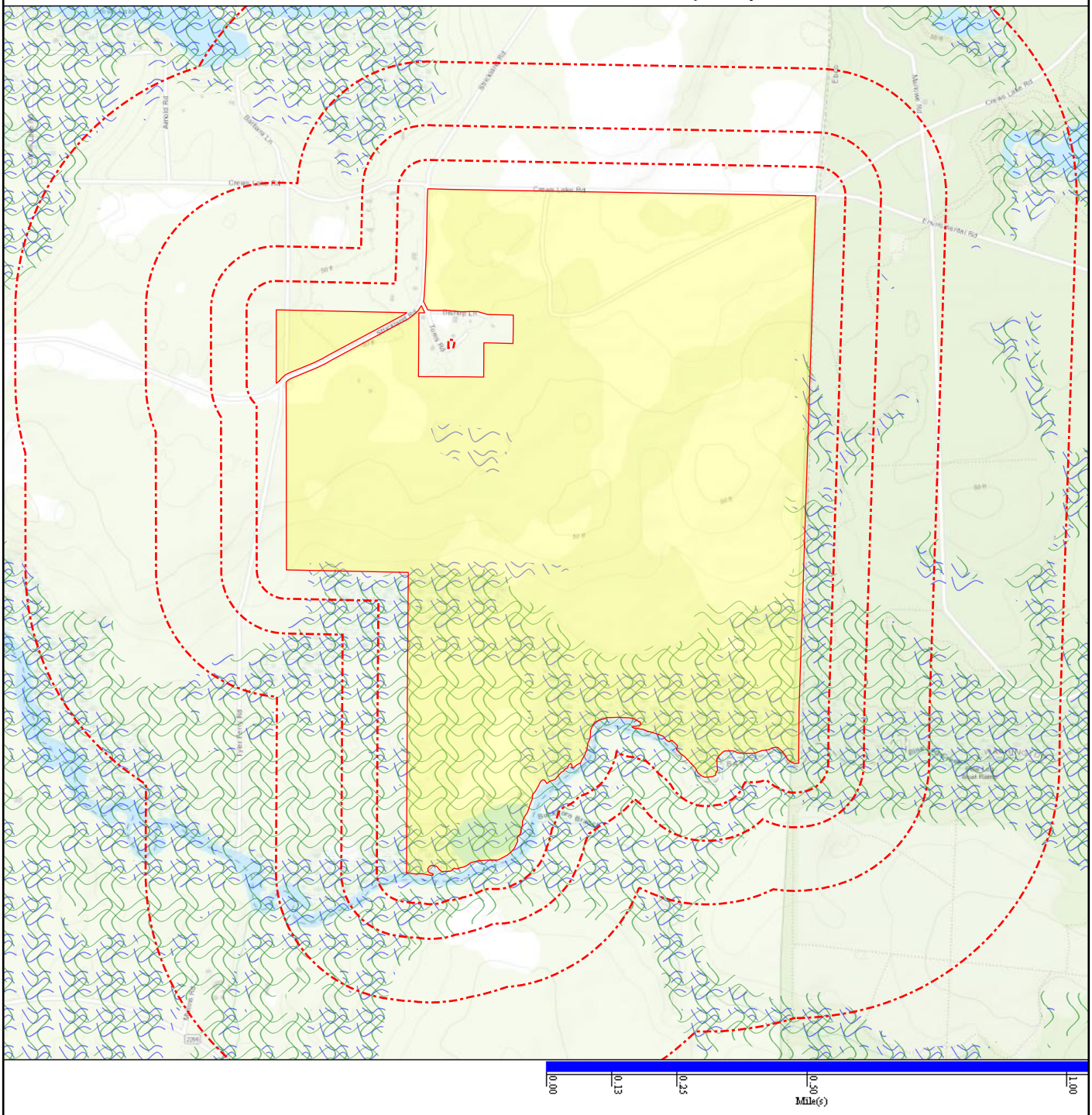
PREPARED FOR: NorthStar Contracting Group
ORDER #: 49631
REPORT DATE: January 18, 2021



- Subject Property
- CDC HAZDAT (No Data)
- Federal Lands (No Data)
- Historical DOD (No Data)
- Equal/Higher Elevation
- Department of Defense (No Data)
- FEMA FloodZone 100
- Indian Reservation (No Data)
- Lower Elevation
- DFIRM Floodzone 100
- FEMA FloodZone 500
- National Priority List (No Data)
- Brownfields Areas (No Data)
- DFIRM Floodzone 500
- Ground Water Contaminants (No Data)
- NWI

SUBJECT NAME: Seven Runs Creek
ADDRESS: Washington County School District, Ebro, FL
LAT/LONG: 30.416840 / -85.900148

PREPARED FOR: NorthStar Contracting Group
ORDER #: 49631
REPORT DATE: January 18, 2021



- Subject Property
- CDC HAZDAT (No Data)
- Federal Lands (No Data)
- Historical DOD (No Data)
- Equal/Higher Elevation
- Department of Defense (No Data)
- FEMA FloodZone 100
- Indian Reservation (No Data)
- Lower Elevation
- DFIRM Floodzone 100
- FEMA FloodZone 500
- National Priority List (No Data)
- Brownfields Areas (No Data)
- DFIRM Floodzone 500
- Ground Water Contaminants (No Data)
- NWI

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST								
ARCHIVED RCRA TSDF		0.500	0	0	0	--	--	0
RCRA_TSDF		0.500	0	0	0	--	--	0
FEDERAL CERCLIS LIST								
CERCLIS NFRAP		0.500	0	0	0	--	--	0
CERCLIS-HIST		0.500	0	0	0	--	--	0
FEDERAL FACILITY		1.000	0	0	0	0	--	0
SEMS_8R_ACTIVE SITES		0.500	0	0	0	--	--	0
SEMS_8R_ARCHIVED SITES		0.500	0	0	0	--	--	0
FEDERAL RCRA CORRACTS FACILITIES LIST								
CORRACTS		1.000	0	0	0	0	--	0
HIST CORRACTS 2		1.000	0	0	0	0	--	0
FEDERAL DELISTED NPL SITE LIST								
DELISTED NPL		1.000	0	0	0	0	--	0
DELISTED PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_DELETED NPL		1.000	0	0	0	0	--	0
FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
EPA LF MOP		0.500	0	0	0	--	--	0
FEDERAL ERNS LIST								
ERNS		SP	0	--	--	--	--	0
FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
RCRA IC_EC		0.250	0	0	--	--	--	0
FEDERAL RCRA GENERATORS LIST								
HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_LQG		0.250	0	0	--	--	--	0
RCRA_NONGEN		0.250	0	0	--	--	--	0
RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_VSQG		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL NPL SITE LIST								
NPL		1.000	0	0	0	0	--	0
NPL EPA R1 GIS		1.000	0	0	0	0	--	0
NPL EPA R3 GIS		1.000	0	0	0	0	--	0
NPL EPA R6 GIS		1.000	0	0	0	0	--	0
NPL EPA R8 GIS		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
PART NPL		1.000	0	0	0	0	--	0
PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0
STATE AND TRIBAL REGISTERED STORAGE TANK LISTS								
FEMA UST		0.250	0	0	--	--	--	0
INDIAN UST R1		0.250	0	0	--	--	--	0
INDIAN UST R10		0.250	0	0	--	--	--	0
INDIAN UST R2		0.250	0	0	--	--	--	0
INDIAN UST R4		0.250	0	0	--	--	--	0
INDIAN UST R5		0.250	0	0	--	--	--	0
INDIAN UST R6		0.250	0	0	--	--	--	0
INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R8		0.250	0	0	--	--	--	0
INDIAN UST R9		0.250	0	0	--	--	--	0
AST - FL		0.250	0	0	--	--	--	0
AST_BROWARD COUNTY - FL		0.250	0	0	--	--	--	0
HIST AST - FL		0.250	0	0	--	--	--	0
HIST UST - FL		0.250	0	0	--	--	--	0
UST - FL		0.250	0	0	--	--	--	0
UST_BROWARD COUNTY - FL		0.250	0	0	--	--	--	0
UST_MIAMI-DADE COUNTY - FL		0.250	0	0	--	--	--	0
STATE AND TRIBAL BROWNFIELD SITES								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
BROWNFIELDS - FL		0.500	0	0	0	--	--	0
BROWNFIELDS_AREAS - FL		0.500	0	0	0	--	--	0
STATE- AND TRIBAL - EQUIVALENT CERCLIS								
CS - FL		1.000	0	0	0	0	--	0
SHWS - FL		1.000	0	0	0	0	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
STATE- AND TRIBAL - EQUIVALENT CERCLIS *(cont.)*								
SITES - FL		1.000	0	0	0	0	--	0
STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
E C - FL		0.500	0	0	0	--	--	0
I C - FL		0.500	0	0	0	--	--	0
STATE RCRA GENERATORS LIST								
HIST TSD - FL		0.500	0	0	0	--	--	0
LQG - FL		0.250	0	0	--	--	--	0
SQG - FL		0.250	0	0	--	--	--	0
TRA - FL		0.250	0	0	--	--	--	0
TSD - FL		0.500	0	0	0	--	--	0
STATE AND TRIBAL LEAKING STORAGE TANK LISTS								
INDIAN LUST R1		0.500	0	0	0	--	--	0
INDIAN LUST R10		0.500	0	0	0	--	--	0
INDIAN LUST R2		0.500	0	0	0	--	--	0
INDIAN LUST R4		0.500	0	0	0	--	--	0
INDIAN LUST R5		0.500	0	0	0	--	--	0
INDIAN LUST R6		0.500	0	0	0	--	--	0
INDIAN LUST R7		0.500	0	0	0	--	--	0
INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R9		0.500	0	0	0	--	--	0
LAST - FL		0.500	0	0	0	--	--	0
LUST - FL		0.500	0	0	0	--	--	0
STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
SWF/LF - FL		0.500	0	0	0	--	--	0
STATE AND TRIBAL VOLUNTARY CLEANUP SITES								
VCP - FL		0.500	0	0	0	--	--	0
LOCAL BROWNFIELD LISTS								
BROWNFIELDS-ACRES		0.500	0	0	0	--	--	0
FED BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES								
FED CDL		SP	0	--	--	--	--	0
US HIST CDL		SP	0	--	--	--	--	0
CS_BROWARD COUNTY - FL		1.000	0	0	0	0	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES *(cont.)*								
CS_MIAMI-DADE COUNTY - FL		1.000	0	0	0	0	--	0
DWM CONTAM - FL		0.500	0	0	0	--	--	0
HAZMAT FACILITIES_BROWARD COUNTY - FL		0.250	0	0	--	--	--	0
RESP PARTY - FL		0.500	0	0	0	--	--	0
RECORDS OF EMERGENCY RELEASE REPORTS								
HMIRS (DOT)		SP	0	--	--	--	--	0
FUEL SPILL_MIAMI-DADE COUNTY - FL		0.125	0	--	--	--	--	0
SPILLS - FL		0.125	0	--	--	--	--	0
LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES								
HIST INDIAN ODI R8		0.500	0	0	0	--	--	0
INDIAN ODI R8		0.500	0	0	0	--	--	0
ODI		0.500	0	0	0	--	--	0
TRIBAL ODI		0.500	0	0	0	--	--	0
HIST SWRCY - FL		0.500	0	0	0	--	--	0
SWF_MIAMI-DADE COUNTY - FL		0.500	0	0	0	--	--	0
SWRCY - FL		0.500	0	0	0	--	--	0
LOCAL LAND RECORDS								
LIENS 2		SP	0	--	--	--	--	0
OTHER ASCERTAINABLE RECORDS								
AFS		SP	0	--	--	--	--	0
ALT FUELING		0.250	0	0	--	--	--	0
AST PBS		0.250	0	0	--	--	--	0
BRS		SP	0	--	--	--	--	0
CDC HAZDAT		1.000	0	0	0	0	--	0
COAL ASH DOE		0.500	0	0	0	--	--	0
COAL ASH EPA		0.500	0	0	0	--	--	0
COAL GAS		1.000	0	0	0	0	--	0
CONSENT (DECREES)		1.000	0	0	0	0	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
DEBRIS R5 LF		0.500	0	0	0	--	--	0
DEBRIS R5 SWRCY		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
DOT OPS		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
ECHO		SP	0	--	--	--	--	0
ENOI		SP	0	--	--	--	--	0
EPA FUELS		SP	0	--	--	--	--	0
EPA OSC		0.125	0	--	--	--	--	0
EPA WATCH		SP	0	--	--	--	--	0
FA HWF		SP	0	--	--	--	--	0
FEDLAND		1.000	0	0	0	0	--	0
FRS		SP	0	--	--	--	--	0
FTTS		SP	0	--	--	--	--	0
FTTS INSP		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	0	--	0
HIST AFS		SP	0	--	--	--	--	0
HIST AFS 2		SP	0	--	--	--	--	0
HIST DOD		1.000	0	0	0	0	--	0
HIST LEAD_SMELTER		SP	0	--	--	--	--	0
HIST MLTS		SP	0	--	--	--	--	0
HIST PCB TRANS		SP	0	--	--	--	--	0
HIST PCS ENF		SP	0	--	--	--	--	0
HIST PCS FACILITY		SP	0	--	--	--	--	0
HIST SSTS		SP	0	--	--	--	--	0
HWC DOCKET		SP	0	--	--	--	--	0
ICIS		SP	0	--	--	--	--	0
INACTIVE PCS		SP	0	--	--	--	--	0
INDIAN RESERVATION		1.000	0	0	0	0	--	0
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
MINES		0.250	0	0	--	--	--	0
MINES USGS		0.250	0	0	--	--	--	0
MLTS		SP	0	--	--	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
OSHA		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PCS ENF		SP	0	--	--	--	--	0
PCS FACILITY		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
RAATS		SP	0	--	--	--	--	0
RADINFO		SP	0	--	--	--	--	0
RMP		0.500	0	0	0	--	--	0
ROD		1.000	0	0	0	0	--	0
SCRD DRYCLEANERS		0.250	0	0	--	--	--	0
SEMS_SMELTER		SP	0	--	--	--	--	0
SSTS		SP	0	--	--	--	--	0
STORMWATER		SP	0	--	--	--	--	0
TOSCA-PLANT		SP	0	--	--	--	--	0
TRIS		SP	0	--	--	--	--	0
UMTRA		0.500	0	0	0	--	--	0
VAPOR		0.500	0	0	0	--	--	0
AIRS - FL		SP	0	--	--	--	--	0
AIRS_MIAMI-DADE COUNTY - FL		SP	0	--	--	--	--	0
CAP_MIAMI-DADE COUNTY - FL		SP	0	--	--	--	--	0
CATTLE DIPPING VATS - FL		0.500	0	0	0	--	--	0
COAL ASH - FL		0.500	0	0	0	--	--	0
DAYCARE - FL		SP	0	--	--	--	--	0
DEDB - FL		0.500	0	0	0	--	--	0
DRYCLEANERS - FL		0.250	0	0	--	--	--	0
ENF_MIAMI-DADE COUNTY - FL		0.250	0	0	--	--	--	0
FA 1 - FL		SP	0	--	--	--	--	0
FA 2 - FL		SP	0	--	--	--	--	0
FA 3 - FL		SP	0	--	--	--	--	0
FACILITY LIST_ALACHUA COUNTY - FL		0.250	0	0	--	--	--	0
FF TANKS - FL		0.250	0	0	--	--	--	0
GTO_MIAMI-DADE COUNTY - FL		0.125	0	--	--	--	--	0
GWCA - FL		0.500	0	0	0	--	--	0
GWIF - FL		0.250	0	0	--	--	--	0
GWP_MIAMI-DADE COUNTY - FL		SP	0	--	--	--	--	0
HAZ WASTE_MIAMI-DADE COUNTY - FL		0.500	0	0	0	--	--	0
HIST CAP_MIAMI-DADE COUNTY - FL		SP	0	--	--	--	--	0
HIST CATTLE DIPPING VATS - FL		0.500	0	0	0	--	--	0
HIST DEDB - FL		0.500	0	0	0	--	--	0
HIST FF TANKS - FL		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
HIST MINES - FL		0.250	0	0	--	--	--	0
IW SQG_MIAMI-DADE COUNTY - FL		0.250	0	0	--	--	--	0
IW_MIAMI-DADE COUNTY - FL		0.500	0	0	0	--	--	0
IWP_MIAMI-DADE COUNTY - FL		0.500	0	0	0	--	--	0
LWT_MIAMI-DADE COUNTY - FL		0.250	0	0	--	--	--	0
MINES - FL		0.250	0	0	--	--	--	0
MOP_MIAMI-DADE COUNTY - FL		0.250	0	0	--	--	--	0
MRE_MIAMI-DADE COUNTY - FL		SP	0	--	--	--	--	0
NPDES - FL		SP	0	--	--	--	--	0
PRIORITY CLEANERS - FL		0.500	0	0	0	--	--	0
SIS - FL		0.500	0	0	0	--	--	0
T 2 - FL		0.250	0	0	--	--	--	0
UIC - FL		SP	0	--	--	--	--	0
VIOLATION_BROWARD COUNTY - FL		0.500	0	0	0	--	--	0
WASTEWATER - FL		SP	0	--	--	--	--	0

No unmappable sites reported.

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 10/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/15/2021

RCRA_TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 10/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/15/2021

FEDERAL CERCLIS LIST

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 10/25/2013
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 11/17/2020

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 10/29/2013
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 11/17/2020

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 11/17/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8712
Most Recent Contact: 11/17/2020

SEMS_8R_ACTIVE SITES: 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. NPL sites include latitude and longitude information. For non-NPL sites, a brief site status is provided.

Agency Version Date: 11/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

SEMS_8R_ARCHIVED SITES: The 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.

Agency Version Date: 10/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 10/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 01/15/2021

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/15/2020

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 11/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

DELISTED PROPOSED NPL: Sites that have been delisted from the proposed National Priority List

Agency Version Date: 11/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

SEMS_DELETED NPL: All Deleted National Priority List Sties

Agency Version Date: 10/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP: Sites in the EPA Landfill Methane Outreach Program

Agency Version Date: 10/22/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/09/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/11/2021

FEDERAL ERNS LIST

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 08/14/2020
Agency Update Frequency: Annually
Planned Next Contact: 02/04/2021
Agency: National Response Center United States Coast Guard
Agency Contact: N/R
Most Recent Contact: 11/10/2020

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

FED E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 12/18/2020
Agency Update Frequency: Varies
Planned Next Contact: 03/11/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 12/18/2020

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES (cont.)

FED I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 12/18/2020
Agency Update Frequency: Varies
Planned Next Contact: 03/11/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 12/18/2020

RCRA IC_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 08/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/19/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 11/23/2020

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/15/2020

HIST RCRA_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/15/2020

HIST RCRA_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/15/2020

HIST RCRA_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/15/2020

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 10/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/15/2021

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 10/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/15/2021

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 10/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/15/2021

FEDERAL RCRA GENERATORS LIST (cont.)

RCRA_VSQG: Resource Conservation and Recovery Act listing of licensed very small quantity generators.

Agency Version Date: 10/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/13/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/15/2021

FEDERAL NPL SITE LIST

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 11/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

NPL EPA R1 GIS: Geospatial data for the Environmental Protection Agency Region 1 National Priority List subject to environmental regulation

Agency Version Date: 08/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/17/2020

NPL EPA R3 GIS: Geospatial data for the Environmental Protection Agency Region 3 National Priority List subject to environmental regulation

Agency Version Date: 08/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/17/2020

NPL EPA R6 GIS: Geospatial data for the Environmental Protection Agency Region 6 National Priority List subject to environmental regulation

Agency Version Date: 08/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/17/2020

NPL EPA R8 GIS: Geospatial data for the Environmental Protection Agency Region 8 National Priority List subject to environmental regulation

Agency Version Date: 08/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/17/2020

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 08/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/17/2020

PART NPL: Sites that are a part of an National Priority List site referred to as the parent site

Agency Version Date: 11/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

FEDERAL NPL SITE LIST (cont.)

PROPOSED NPL: Sites that have been proposed for the National Priority List

Agency Version Date: 11/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

SEMS_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 10/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

SEMS_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 10/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 06/21/2019
Agency Update Frequency: Varies
Planned Next Contact: 01/19/2021
Agency: FEMA
Agency Contact: 202-212-5283
Most Recent Contact: 10/23/2020

INDIAN UST R1: Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 11/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/03/2021
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 11/06/2020

INDIAN UST R10: Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 12/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2021
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 12/02/2020

INDIAN UST R2: Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 02/05/2021
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 11/09/2020

INDIAN UST R4: Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 04/14/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/01/2021
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 12/02/2020

INDIAN UST R5: Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 11/19/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/15/2021
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 11/19/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

INDIAN UST R6: Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 09/21/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/17/2021
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 12/18/2020

INDIAN UST R7: Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 11/19/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/15/2021
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 11/19/2020

INDIAN UST R8: Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/14/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/01/2021
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 11/04/2020

INDIAN UST R9: Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 12/07/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/01/2021
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 11/04/2020

AST - FL: Aboveground storage tank listing

Agency Version Date: 08/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/22/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/25/2020

AST_BROWARD COUNTY - FL: Broward county aboveground storage tank list

Agency Version Date: 10/30/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 01/26/2021
Agency: Broward County Environmental Protection Department
Agency Contact: 954-519-0332
Most Recent Contact: 10/30/2020

HIST AST - FL: List of aboveground storage tank that are no longer in current agency list.

Agency Version Date: 11/19/2018
Agency Update Frequency: Annually
Planned Next Contact: 01/29/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/03/2020

HIST UST - FL: List of underground storage tanks that is no longer in current agency list.

Agency Version Date: 01/28/2019
Agency Update Frequency: Annually
Planned Next Contact: 01/29/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/03/2020

UST - FL: Underground storage tank listing

Agency Version Date: 08/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/22/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/25/2020

UST_BROWARD COUNTY - FL: Broward county underground storage tank listing

Agency Version Date: 10/30/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 01/26/2021
Agency: Broward County Environmental Protection Department
Agency Contact: 954-519-0332
Most Recent Contact: 10/30/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

UST_MIAMI-DADE COUNTY - FL: Miami-Dade county underground storage tank listing

Agency Version Date: 09/24/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/19/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 12/21/2020

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 02/10/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/02/2021

Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/05/2021

BROWNFIELDS - FL: Brownfield site listing

Agency Version Date: 10/14/2020
Agency Update Frequency: Monthly
Planned Next Contact: 04/07/2021

Agency: Department of Environmental Protection
Agency Contact: 407-897-4322
Most Recent Contact: 01/11/2021

BROWNFIELDS_AREAS - FL: Brownfield site listing

Agency Version Date: 10/26/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/21/2021

Agency: Department of Environmental Protection
Agency Contact: 407-897-4322
Most Recent Contact: 10/26/2020

STATE- AND TRIBAL - EQUIVALENT CERCLIS

CS - FL: All cleanup sites in the state of Florida

Agency Version Date: 10/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/26/2021

Agency: Department of Environmental Protection
Agency Contact: 850-245-2006
Most Recent Contact: 12/29/2020

SHWS - FL: State -funded cleanup program sites

Agency Version Date: 10/12/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/06/2021

Agency: Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 01/08/2021

SITES - FL: Summary status report compiled and revised from existing lists and intended to track progress of activities within and outside of the department as they relate to the listed sites

Agency Version Date: 12/24/2012
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 01/26/2021

Agency: Department of Environmental Protection
Agency Contact: 850-245-2006
Most Recent Contact: 10/30/2020

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

E C - FL: Remediation sites with engineering controls

Agency Version Date: 10/02/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/26/2021

Agency: Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 12/29/2020

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES (cont.)

I C - FL: Remediation sites with institutional controls

Agency Version Date: 10/02/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/26/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 12/29/2020

STATE RCRA GENERATORS LIST

HIST TSD - FL: List of Treatment Storage and Disposal facility records that are no longer in current agency list.

Agency Version Date: 02/04/2019
Agency Update Frequency: Annually
Planned Next Contact: 02/16/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8707
Most Recent Contact: 11/20/2020

LQG - FL: Listing of permitted large quantity hazardous waste generators

Agency Version Date: 10/20/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/13/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 01/15/2021

SQG - FL: Listing of permitted small quantity hazardous waste generators

Agency Version Date: 08/19/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 11/16/2020

TRA - FL: Listing of permitted hazardous waste transporters

Agency Version Date: 09/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/26/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8707
Most Recent Contact: 11/30/2020

TSD - FL: Treatment storage and disposal facility listing

Agency Version Date: 09/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/26/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8707
Most Recent Contact: 11/30/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 11/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/02/2021
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 11/06/2020

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 04/14/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2021
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 12/02/2020

INDIAN LUST R2: Leaking Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 02/05/2021
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 11/09/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 04/14/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/01/2021
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 12/02/2020

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/14/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/15/2021
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 11/19/2020

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 04/20/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/19/2021
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 11/23/2020

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 04/15/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/15/2021
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 11/19/2020

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 11/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/19/2021
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 11/23/2020

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 11/19/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/01/2021
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 11/04/2020

LAST - FL: Leaking Aboveground Storage Tank Listing

Agency Version Date: 08/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/22/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/25/2020

LUST - FL: Leaking underground storage tank sites listing

Agency Version Date: 08/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/22/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/25/2020

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - FL: Solid waste facility and landfill listing

Agency Version Date: 09/25/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8707
Most Recent Contact: 12/22/2020

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - FL: Voluntary cleanup program site list

Agency Version Date: 05/13/2020
Agency Update Frequency: Varies
Planned Next Contact: 01/29/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8961
Most Recent Contact: 11/03/2020

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES: EPA Brownfields Assessment, Cleanup and Redevelopment Exchange System.

Agency Version Date: 07/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/26/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 12/28/2020

FED BROWNFIELDS: Federal brownfield remediation sites

Agency Version Date: 11/10/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 02/05/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 11/10/2020

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL: The U.S. Department of Justice listing of clandestine drug lab locations

Agency Version Date: 11/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/28/2021
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 11/02/2020

US HIST CDL: The U.S. Department of Justice historical listing of clandestine drug lab locations

Agency Version Date: 08/05/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2021
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 12/07/2020

CS_BROWARD COUNTY - FL: Broward county contaminated sites listing

Agency Version Date: 09/25/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2021
Agency: Broward County Environmental Protection Department
Agency Contact: 954-519-0332
Most Recent Contact: 12/22/2020

CS_MIAMI-DADE COUNTY - FL: Miami-Dade county contaminated sites listing

Agency Version Date: 10/08/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/31/2021
Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/04/2021

DWM CONTAM - FL: Listing of known contaminated sites (primarily petroleum and drycleaning)

Agency Version Date: 01/11/2021
Agency Update Frequency: Quarterly
Planned Next Contact: 03/26/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 12/29/2020

HAZMAT FACILITIES_BROWARD COUNTY - FL: Broward County hazardous material facility list

Agency Version Date: 08/03/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 01/26/2021
Agency: Broward County Environmental Protection Department
Agency Contact: 954-519-0332
Most Recent Contact: 10/30/2020

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES (cont.)

RESP PARTY - FL: Responsible party waste cleanups - Open, Closed, Inactive

Agency Version Date: 09/30/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/26/2021
Agency: Department of Environmental Resources Management
Agency Contact: 850-245-2118
Most Recent Contact: 12/28/2020

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 10/09/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/02/2021
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 01/05/2021

FUEL SPILL_MIAMI-DADE COUNTY - FL: Miami-Dade county fuel spill case listing of sites

Agency Version Date: 10/08/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/31/2021
Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/04/2021

SPILLS - FL: Listing of chemical spills and incidents referred to the emergency response unit

Agency Version Date: 10/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/26/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-2006
Most Recent Contact: 12/29/2020

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8: List of Region 8 Indian land open dump inventory sites maintained within the STARS program that is no longer in current agency list.

Agency Version Date: 11/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 02/02/2021
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 11/06/2020

INDIAN ODI R8: Region 8 Indian land open dump inventory sites maintained within the STARS program

Agency Version Date: 11/13/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 11/13/2020

ODI: Open dump inventory sites

Agency Version Date: 10/03/2017
Agency Update Frequency: No Update
Planned Next Contact: 02/25/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 11/30/2020

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 09/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 03/10/2021
Agency: Indian Health Service
Agency Contact: 301-443-3593
Most Recent Contact: 12/18/2020

HIST SWRCY - FL: List of permitted recycling centers that is no longer in current agency list.

Agency Version Date: 02/23/2018
Agency Update Frequency: Annually
Planned Next Contact: 02/25/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8731
Most Recent Contact: 12/01/2020

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES (cont.)

SWF_MIAMI-DADE COUNTY - FL: Miami-Dade county solid waste facility listing

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

SWRCY - FL: Permitted recycling centers

Agency Version Date: 09/25/2020
Agency Update Frequency: Varies
Planned Next Contact: 03/19/2021

Agency: Department of Environmental Protection
Agency Contact: 850-245-8731
Most Recent Contact: 12/22/2020

LOCAL LAND RECORDS

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/02/2021

Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/05/2021

OTHER ASCERTAINABLE RECORDS

AFS: Air Facility Systems Quarterly Extract

Agency Version Date: 03/20/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/16/2021

Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 11/20/2020

ALT FUELING: Alternative Fueling Stations by fuel type.

Agency Version Date: 10/19/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/12/2021

Agency: U.S. Department of Energy
Agency Contact: N/R
Most Recent Contact: 01/14/2021

AST PBS: Bulk petroleum terminals with a total bulk storage capacity of 50,000 barrels or more.

Agency Version Date: 06/18/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/09/2021

Agency: Department of Homeland Security
Agency Contact: 202-853-5361
Most Recent Contact: 12/11/2020

BRS: Reporting of hazardous waste generation and management from large quantity generators

Agency Version Date: 10/12/2020
Agency Update Frequency: Biennial
Planned Next Contact: 04/13/2021

Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/15/2021

CDC HAZDAT: The Agency for Toxic Substances and Disease Registry's Hazardous Substance Release/Health Effects Database.

Agency Version Date: 08/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021

Agency: Agency for Toxic Substances and Disease Registry
Agency Contact: 770-488-6399
Most Recent Contact: 11/17/2020

COAL ASH DOE: List of existing and planned generators with 1 megawatt or greater of combined capacity that are utilizing coal ash impoundments.

Agency Version Date: 10/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/07/2021

Agency: Department of Energy
Agency Contact: (202) 586-8800
Most Recent Contact: 01/08/2021

OTHER ASCERTAINABLE RECORDS (cont.)

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Agency Version Date: 07/31/2014
Agency Update Frequency: Varies
Planned Next Contact: 02/18/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 11/23/2020

COAL GAS: Manufactured Gas Plant locations

Agency Version Date: 02/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/22/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 10/26/2020

CONSENT (DECREES): Legal decisions regarding responsibility for Superfund locations

Agency Version Date: 03/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/10/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 11/13/2020

CORRECTIVE ACTIONS_2020: In 2009 the EPA created the 2020 Corrective Action Baseline list of contaminated or potentially contaminated sites with a cleanup goal to complete 95% by the year 2020. The names on the list indicate the facility owners who may or may not have caused the contamination.

Agency Version Date: 12/21/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 02/05/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 11/10/2020

DEBRIS R5 LF: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 02/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/26/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 10/30/2020

DEBRIS R5 SWRCY: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 02/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/26/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 10/30/2020

DOD: Department of Defense sites

Agency Version Date: 08/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 11/17/2020

DOT OPS: Incident Data Report

Agency Version Date: 01/20/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2021
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 11/30/2020

ECHO: ECHO is EPA Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations related to CAA, CWA, RCRA, & SDWA.

Agency Version Date: 10/13/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 01/07/2021

OTHER ASCERTAINABLE RECORDS (cont.)

ENOI: The Electronic Notice of Intent (eNOI) database contains construction sites and industrial facilities that submit permit requests to EPA for Construction General Permits (CGP) and Multi-Sector General Permits (MSGP).

Agency Version Date: 09/25/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/22/2020

EPA FUELS: List of companies and facilities registered to participate in EPA Fuel Programs under Title 40 CFR Part 80.

Agency Version Date: 08/26/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/19/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 11/23/2020

EPA OSC: Listing of oil spills and hazardous substance release sites requiring EPA On-Site Coordinators.

Agency Version Date: 10/09/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/02/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/05/2021

EPA WATCH: The EPA Watch List was used to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. EPA maintained the lists from 2011 - 2013.

Agency Version Date: 02/09/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/02/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/05/2021

FA HWF: Hazardous Waste Facilities with Financial Assurance

Agency Version Date: 10/26/2020
Agency Update Frequency: Varies
Planned Next Contact: 01/20/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 10/26/2020

FEDLAND: Federal land locations

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/09/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 11/13/2020

FRS: Facility Registry Systems

Agency Version Date: 08/31/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/23/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 11/27/2020

FTTS: Tracking of administrative and enforcement activities related to FIFRA/TSCA

Agency Version Date: 04/16/2013
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 01/22/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 10/26/2020

FTTS INSP: Tracking of inspections related to FIFRA/TSCA

Agency Version Date: 05/08/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/13/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 01/15/2021

OTHER ASCERTAINABLE RECORDS (cont.)

FUDS: Defense sites that require cleanup

Agency Version Date: 08/26/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/19/2021
Agency: US Army Corps of Engineering
Agency Contact: (202) 761-0011
Most Recent Contact: 11/23/2020

HIST AFS: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 06/14/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/05/2021

HIST AFS 2: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/05/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 11/10/2020

HIST DOD: Department of Defense historical sites

Agency Version Date: 08/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 02/12/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 11/17/2020

HIST LEAD_SMELTER: List of former lead smelter sites that is no longer in current agency list.

Agency Version Date: 12/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 01/21/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 10/26/2020

HIST MLTS: List of sites in possession/use of radioactive materials regulated by NRC that is no longer in current agency list.

Agency Version Date: 07/13/2016
Agency Update Frequency: Annually
Planned Next Contact: 02/02/2021
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 11/06/2020

HIST PCB TRANS: List of PCB Disposal Facilities that are no longer in current agency list.

Agency Version Date: 01/18/2018
Agency Update Frequency: No Update
Planned Next Contact: 02/18/2021
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 11/24/2020

HIST PCS ENF: List of permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 12/08/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/11/2020

HIST PCS FACILITY: List of Permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 12/18/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/12/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/15/2020

OTHER ASCERTAINABLE RECORDS (cont.)

HIST SSTS: List of tracking of facilities who produce pesticides and their quantity that are no longer in current agency list.

Agency Version Date: 02/13/2019
Agency Update Frequency: Annually
Planned Next Contact: 02/23/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 11/27/2020

HWC DOCKET: Listing of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste.

Agency Version Date: 10/28/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 02/16/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 11/20/2020

ICIS: Comprised of all Federal Administrative and Judicial enforcement information [intended to replace PCS] by tracking enforcement and compliance information (also contains what used to be known as FFTS)

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/12/2021

INACTIVE PCS: Inactive Permitted facilities to discharge wastewater

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 01/12/2021

INDIAN RESERVATION: Indian Reservation sites

Agency Version Date: 10/26/2020
Agency Update Frequency: Varies
Planned Next Contact: 01/21/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 10/26/2020

LUCIS: Land Use Control Information Systems

Agency Version Date: 07/24/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/06/2021
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 01/08/2021

LUCIS 2: Land Use Control Information Systems

Agency Version Date: 01/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 02/19/2021
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 11/24/2020

MINES: Mines Master Index Files

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Department of Labor
Agency Contact: (202) 693-9400
Most Recent Contact: 01/11/2021

MINES USGS: Listing of all active mines and mineral plants in 2003

Agency Version Date: 10/20/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/13/2021
Agency: USGS Mineral Resources Program
Agency Contact: (703) 648-5953
Most Recent Contact: 01/15/2021

OTHER ASCERTAINABLE RECORDS (cont.)

MLTS: Sites in possession/use of radioactive materials regulated by NRC

Agency Version Date: 05/19/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/05/2021
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 11/10/2020

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 08/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 11/17/2020

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 07/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

OSHA: OSHA's listing of inspections violations and fatality information

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/08/2021
Agency: Occupational Safety & Health Administration
Agency Contact: 800-321-6742
Most Recent Contact: 01/11/2021

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 11/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 11/16/2020

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 11/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/24/2021
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 11/27/2020

PCS ENF: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 01/12/2021

PCS FACILITY: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 01/12/2021

RAATS: Listing of major violators with enforcement actions issued under RCRA. Includes administrative and civil actions filed by the EPA. This dataset is no longer maintained.

Agency Version Date: 09/23/2019
Agency Update Frequency: Varies
Planned Next Contact: 02/05/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 11/10/2020

RADINFO: EPA regulated facilities with radiation and radioactive materials

Agency Version Date: 08/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 01/26/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 10/30/2020

OTHER ASCERTAINABLE RECORDS (cont.)

RMP: Facilities producing/handling/ process/ distribute/ store specific chemicals report plans required by the Clean Air Act

Agency Version Date: 03/17/2020
Agency Update Frequency: Monthly
Planned Next Contact: 01/19/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2534
Most Recent Contact: 10/23/2020

ROD: Permanent remedy at an NPL site

Agency Version Date: 11/17/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 11/17/2020

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners

Agency Version Date: 09/21/2020
Agency Update Frequency: No Update
Planned Next Contact: 03/16/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/18/2020

SEMS_SMELTER: This report includes sites that have smelting-related, or potentially smelting-related, indicators in the SEMS database. The report includes information on the site location as well as contaminants of concern.

Agency Version Date: 10/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/12/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/17/2020

SSTS: Tracking of facilities who produce pesticides and their quantity

Agency Version Date: 09/28/2020
Agency Update Frequency: Annually
Planned Next Contact: 03/23/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/25/2020

STORMWATER: Permitted storm water sites

Agency Version Date: 10/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/12/2021

TOSCA-PLANT: Plants controlled by the Toxic Substance Control Act

Agency Version Date: 10/01/2020
Agency Update Frequency: Varies
Planned Next Contact: 03/26/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/28/2020

TRIS: Information regarding toxic chemicals that are being used/manufactured/ treated/ transported/released into the environment

Agency Version Date: 10/14/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2021
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/11/2021

UMTRA: Uranium Recovery Sites

Agency Version Date: 07/18/2019
Agency Update Frequency: Varies
Planned Next Contact: 04/12/2021
Agency: United States Nuclear Regulatory Commission
Agency Contact: (301) 415-8200
Most Recent Contact: 01/14/2021

OTHER ASCERTAINABLE RECORDS (cont.)

VAPOR: EPA Vapor Intrusion Database

Agency Version Date: 09/23/2020
Agency Update Frequency: Varies
Planned Next Contact: 03/19/2021
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 12/21/2020

AIRS - FL: Listing of facilities with air permits

Agency Version Date: 03/10/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/23/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-717-9091
Most Recent Contact: 11/27/2020

AIRS_MIAMI-DADE COUNTY - FL: Miami-Dade county facilities with air permits

Agency Version Date: 10/21/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/15/2021
Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

CAP_MIAMI-DADE COUNTY - FL: Miami-Dade county facilities with construction air permits

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021
Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

CATTLE DIPPING VATS - FL: Cattle Dipping Vats from the Ground Water Inspection Facility listing.

Agency Version Date: 10/29/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/25/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 10/29/2020

COAL ASH - FL: Coal Ash Disposal Site Listing

Agency Version Date: 09/25/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850.245.8712
Most Recent Contact: 12/22/2020

DAYCARE - FL: Daycare listing

Agency Version Date: 02/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 01/26/2021
Agency: Florida Department of Children & Families
Agency Contact: 866-762-2237
Most Recent Contact: 10/30/2020

DEDB - FL: Drinking water wells contaminated with ethylene dibromide

Agency Version Date: 10/26/2020
Agency Update Frequency: Varies
Planned Next Contact: 01/22/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2006
Most Recent Contact: 10/26/2020

DRYCLEANERS - FL: Drycleaner facility listing

Agency Version Date: 10/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/05/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 01/07/2021

OTHER ASCERTAINABLE RECORDS (cont.)

ENF_MIAMI-DADE COUNTY - FL: Miami-Dade County enforcement case listing of sites

Agency Version Date: 10/23/2020
Agency Update Frequency: Varies
Planned Next Contact: 01/19/2021
Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 10/23/2020

FA 1 - FL: Financial Assurance for SWF/LF facilities

Agency Version Date: 10/09/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/02/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 01/05/2021

FA 2 - FL: Financial Assurance for Hazardous Waste Managment facilities

Agency Version Date: 01/16/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/02/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 01/05/2021

FA 3 - FL: Financial Assurance and Insurance Information for Tank Facilities

Agency Version Date: 10/19/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/13/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 01/15/2021

FACILITY LIST_ALACHUA COUNTY - FL: Alachua county hazardous material facility list

Agency Version Date: 11/10/2020
Agency Update Frequency: Annually
Planned Next Contact: 02/05/2021
Agency: Alachua County Environmental Protection Department
Agency Contact: 352-264-6806
Most Recent Contact: 11/10/2020

FF TANKS - FL: listing of Federal facilities with tanks, no longer updated

Agency Version Date: 08/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 02/22/2021
Agency: Department of Environmental Protection
Agency Contact: 850-245-8705
Most Recent Contact: 11/25/2020

GTO_MIAMI-DADE COUNTY - FL: Miami-Dade county non-residential facilities that discharge waste to a sanitary sewer

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021
Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

GWCA - FL: Ground water contaminated areas

Agency Version Date: 09/01/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/22/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 11/26/2020

GWIF - FL: Groundwater Monitoring sites that are inspected and monitored.

Agency Version Date: 10/29/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/25/2021
Agency: Florida Bureau of Environmental Health
Agency Contact: 850-245-4240
Most Recent Contact: 10/29/2020

OTHER ASCERTAINABLE RECORDS (cont.)

GWP_MIAMI-DADE COUNTY - FL: Miami-Dade County Class I, II, III, IV, V, VI, Domestic Wastewater permits

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021

Agency: Miami-Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

HAZ WASTE_MIAMI-DADE COUNTY - FL: Miami-Dade county hazardous waste permits

Agency Version Date: 10/08/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/31/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/04/2021

HIST CAP_MIAMI-DADE COUNTY - FL: List of Miami-Dade county facilities with construction air permits that are no longer in current agency list.

Agency Version Date: 12/25/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 12/17/2020

HIST CATTLE DIPPING VATS - FL: Vats from the 1910's through the 1950's that were filled with an arsenic solution for the control and eradication of the cattle fever tick

Agency Version Date: 08/19/2016
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 02/19/2021

Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 11/24/2020

HIST DEDB - FL: List of drinking water wells contaminated with ethylene dibromide that is no longer in current agency list.

Agency Version Date: 02/04/2019
Agency Update Frequency: Annually
Planned Next Contact: 01/21/2021

Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2006
Most Recent Contact: 10/26/2020

HIST FF TANKS - FL: List of Federal facilities with tanks that are no longer in current agency list.

Agency Version Date: 01/28/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 01/26/2021

Agency: Department of Environmental Protection
Agency Contact: N/R
Most Recent Contact: 10/30/2020

HIST MINES - FL: Location information of recorded mines

Agency Version Date: 02/08/2019
Agency Update Frequency: Annually
Planned Next Contact: 02/19/2021

Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 11/24/2020

IW SQG_MIAMI-DADE COUNTY - FL: Miami-Dade county permitted industrial waste small quantity generator

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

IW_MIAMI-DADE COUNTY - FL: Miami-Dade county industrial waste permits

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

OTHER ASCERTAINABLE RECORDS (cont.)

IWP_MIAMI-DADE COUNTY - FL: Miami-Dade County permitted industrial waste pretreatment facility listing

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

LWT_MIAMI-DADE COUNTY - FL: Miami-Dade county permitted liquid waste transporter listing

Agency Version Date: 10/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

MINES - FL: Location information of recorded mines

Agency Version Date: 03/31/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/23/2021

Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 11/27/2020

MOP_MIAMI-DADE COUNTY - FL: Miami-Dade county marine facilities operating permit listing

Agency Version Date: 10/21/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 04/15/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 01/18/2021

MRE_MIAMI-DADE COUNTY - FL: Miami-Dade county Maimi River Enforcement case listing

Agency Version Date: 10/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 01/19/2021

Agency: Dade County Department of Environmental Resources Management
Agency Contact: 305-372-6715
Most Recent Contact: 10/23/2020

NPDES - FL: Listing of facilities with wastewater and NPDES permits

Agency Version Date: 10/09/2020
Agency Update Frequency: Monthly
Planned Next Contact: 04/05/2021

Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-8325
Most Recent Contact: 01/05/2021

PRIORITY CLEANERS - FL: Listing of sites included in the Drycleaning Solvent Cleanup Program Priority Ranking List

Agency Version Date: 11/16/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/12/2021

Agency: Department of Environmental Protection
Agency Contact: 850-245-8927
Most Recent Contact: 11/16/2020

SIS - FL: Listing of site investigation section sites

Agency Version Date: 11/19/2020
Agency Update Frequency: Varies
Planned Next Contact: 02/15/2021

Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 11/19/2020

T 2 - FL: List of facilities that must submit an Emergency and Hazardous Chemical Inventory Form

Agency Version Date: 10/09/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/02/2021

Agency: Florida Division of Emergency Management
Agency Contact: 850-413-9928
Most Recent Contact: 01/05/2021

OTHER ASCERTAINABLE RECORDS (cont.)

UIC - FL: Underground injection well permits

Agency Version Date: 10/07/2020
Agency Update Frequency: Varies
Planned Next Contact: 04/02/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-2118
Most Recent Contact: 01/04/2021

VIOLATION_BROWARD COUNTY - FL: Broward county listing of environmental notices of violation cases

Agency Version Date: 08/03/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 01/26/2021
Agency: Broward County Environmental Protection Department
Agency Contact: 954-519-0332
Most Recent Contact: 10/30/2020

WASTEWATER - FL: Listing of permitted wastewater facilities

Agency Version Date: 01/13/2021
Agency Update Frequency: Monthly
Planned Next Contact: 02/08/2021
Agency: Florida Department of Environmental Protection
Agency Contact: 850-245-8325
Most Recent Contact: 11/12/2020

SUBJECT PROPERTY ADDRESS:

Seven Runs Creek
Washington County School District
Ebro, FL

SUBJECT PROPERTY COORDINATES:

Latitude(North):	30.416840 - 30°25'0.6"
Longitude(West):	-85.900148 - -85°54'0.5"
Universal Transverse Mercator:	Zone 16N
UTM X (Meters):	605635.25
UTM Y (Meters):	3365489.38

ELEVATION:

Elevation:	49.839 ft. above sea level

USGS TOPOGRAPHIC MAP:

Subject Property Map:	30085-D8 Bruce, FL
Most Recent Revision:	2018

GEOHYDROLOGY DATA:

SUBJECT PROPERTY TOPOGRAPHY:

Topographic Gradient: Southeast

DFIRM FLOOD ZONE:

	DFIRM Flood
Subject Property County:	Electronic Data:
WASHINGTON	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	12133C
Additional Panels in search area:	12005C

FEMA FLOOD ZONE:

	FEMA Flood
Subject Property County:	Electronic Data:
WASHINGTON	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	1200040050D 12133C0300C
Additional Panels in search area:	12133C0275C

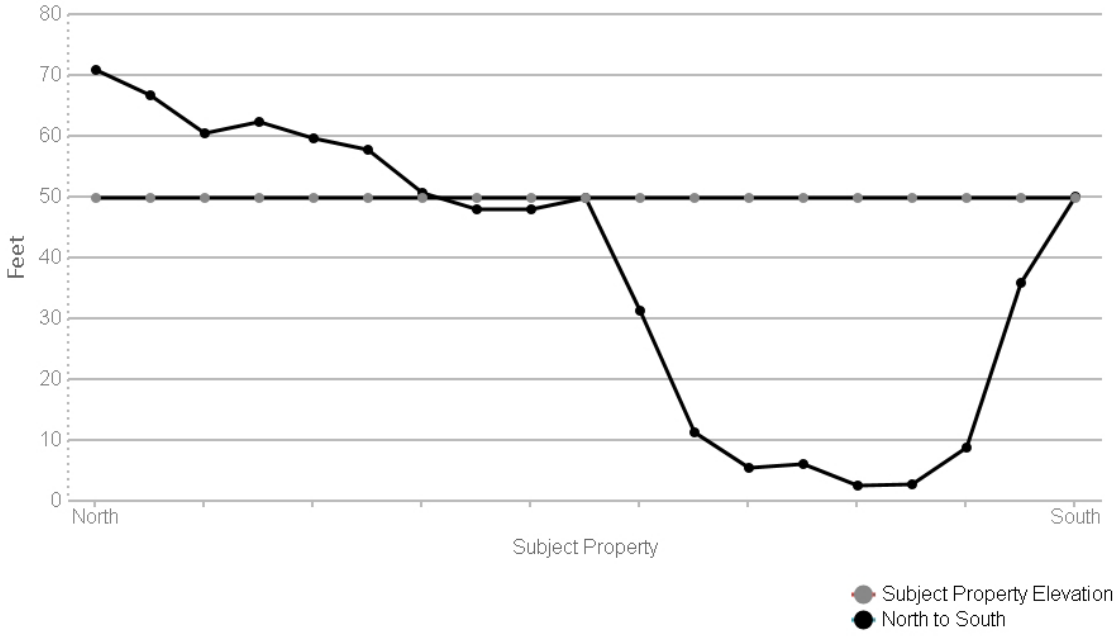
NATIONAL WETLAND INVENTORY:

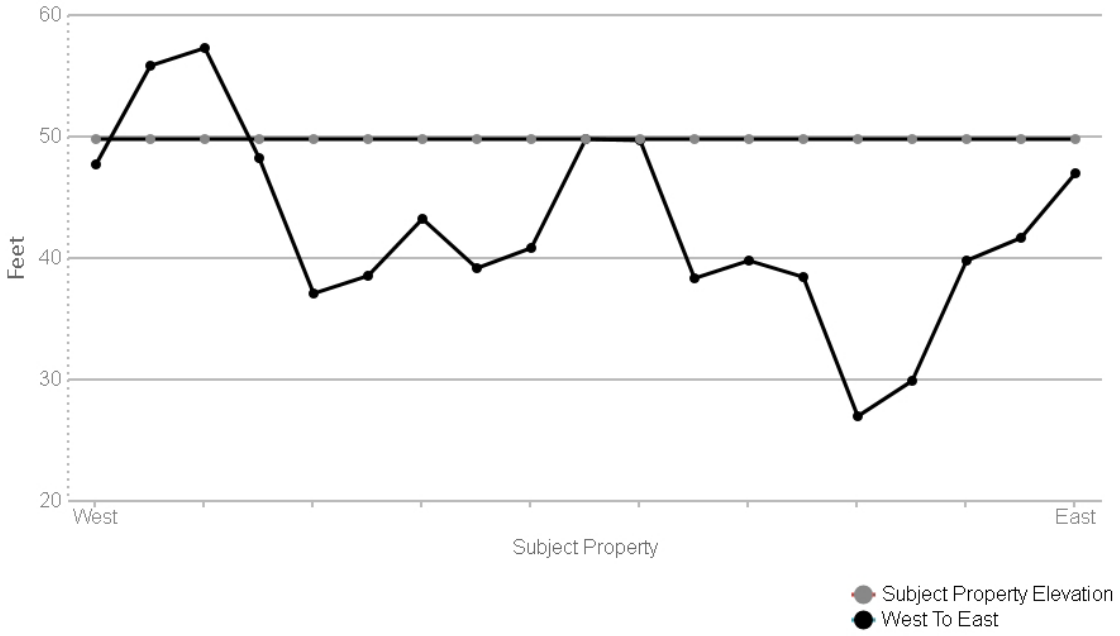
	NWI Electronic
NWI Quad at Subject Property:	Data Coverage:
Bruce	Yes - refer to the Geological Findings Map

LITHOSTRATIGRAPHIC INFORMATION:

ROCK STRATIGRAPHIC UNIT:		GEOLOGIC AGE IDENTIFICATION
Era:	N/R	Category: 2 Qh Holocene
System:	N/R	
Series:	Holocene	
Code:	Qh	

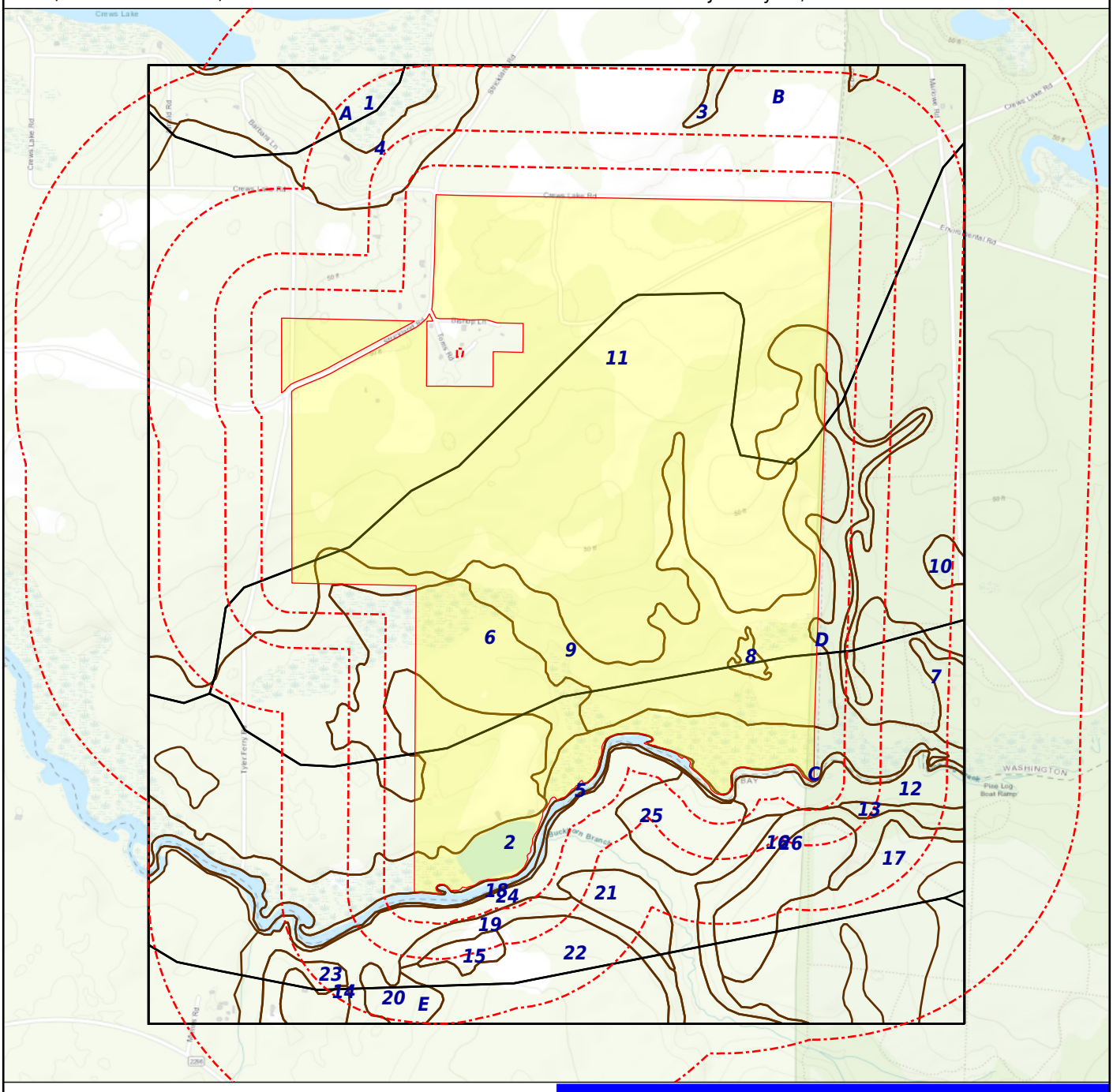
SURROUNDING ELEVATION PROFILES:





SUBJECT NAME: Seven Runs Creek
ADDRESS: Washington County School District, Ebro, FL
LAT/LONG: 30.416840 / -85.900148

PREPARED FOR: NorthStar Contracting Group
ORDER #: 49631
REPORT DATE: January 18, 2021



SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:

Agency source: Soil Conservation Service, US Department of Agriculture

SOIL MAP ID 1

USDA Soil Name	Pantego,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Very poorly drained
Hydric Classification	87
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.5-5.5
2	18-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.5-5.5

SOIL MAP ID 2

USDA Soil Name	Rutlege,Series
USDA Soil Texture	Loamy sand
Hydrologic Soil Group	A/D
Soil Drainage Class	Very poorly drained
Hydric Classification	96
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-10	Loamy sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	3.5-5
2	10-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	3.5-5

SOIL MAP ID 3

USDA Soil Name	Blanton,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	5-50	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
3	50-63	Loamy sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
4	63-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-14	4.5-6

SOIL MAP ID 4

USDA Soil Name	Blanton,Series
USDA Soil Texture	Fine sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-4	Fine sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	4-46	Fine sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
3	46-52	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
4	52-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for	1.4-14	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	52-80	Sandy clay loam	and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-14	4.5-6

SOIL MAP ID 5

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 6

USDA Soil Name	Pantego,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Very poorly drained
Hydric Classification	87
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.5-5.5
2	18-80	Sandy clay loam	Silt-Clay materials (more than 35%	COARSE-GRAINED SOILS, Sands, sands with fines,	4-14	3.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	18-80	Sandy clay loam	passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.5-5.5

SOIL MAP ID 7

USDA Soil Name	Pantego,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Very poorly drained
Hydric Classification	87
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.5-5.5
2	18-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	4-14	3.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	18-80	Sandy clay loam	Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.5-5.5

SOIL MAP ID 8

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 9

USDA Soil Name	Rutlege,Series
USDA Soil Texture	Loamy fine sand
Hydrologic Soil Group	A/D
Soil Drainage Class	Very poorly drained
Hydric Classification	98
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-15	Loamy fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-42.35	3.5-5.5
2	15-80	Sand	Granular materials (35% or less passing	Reference: This is a classification of soil	42-141	3.5-5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	15-80	Sand	No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	3.5-5

SOIL MAP ID 10

USDA Soil Name	Pantego,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Very poorly drained
Hydric Classification	87
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	3.5-5.5
2	18-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	3.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	18-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	3.5-5.5

SOIL MAP ID 11

USDA Soil Name	Blanton,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	6-56	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	42-141	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	6-56	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	42-141	4.5-6
3	56-61	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	4.5-6
4	61-80	Sandy loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-14	4.5-6

SOIL MAP ID 12

USDA Soil Name	Pantego,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B/D
Soil Drainage Class	Very poorly drained
Hydric Classification	96
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Sandy loam	Granular materials (35% or less passing No. 200), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-42.34	4.5-5.5
2	18-32	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
3	32-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	4.23-14.11	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	32-80	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	4.23-14.11	4.5-5.5

SOIL MAP ID 13

USDA Soil Name	Plummer,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A/D
Soil Drainage Class	Poorly drained
Hydric Classification	97
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-7	Sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-141.14	4.5-5.5
2	7-48	Sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75	14.11-141.14	4.5-5.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	7-48	Sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-141.14	4.5-5.5
3	48-59	Sandy loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5
4	59-80	Sandy clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	4.5-5.5

SOIL MAP ID 14

USDA Soil Name	Foxworth,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	6-67	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
3	67-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID 15

USDA Soil Name	Pits,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 16

USDA Soil Name	Foxworth,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-8	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	141.14-352.85	4.5-6.5
2	8-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	141.14-352.85	4.5-6.5

SOIL MAP ID 17

USDA Soil Name	Foxworth,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	6-67	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
3	67-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID 18

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID 19

USDA Soil Name	Troup,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	5-48	Loamy sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
3	48-80	Sandy clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	4.5-6

SOIL MAP ID 20

USDA Soil Name	Blanton,Series
USDA Soil Texture	Fine sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-4	Fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.34-141.14	4.5-6
2	4-60	Fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.34-141.14	4.5-6
3	60-80	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-42.34	4.5-7.3

SOIL MAP ID 21

USDA Soil Name	Chipley,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat poorly drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	6-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID 22

USDA Soil Name	Lakeland,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-7	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	7-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID 23

USDA Soil Name	Chipley,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat poorly drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM,	42-141	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	1984).	42-141	4.5-6
2	6-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID 24

USDA Soil Name	Pamlico,Series
USDA Soil Texture	Not Reported
Hydrologic Soil Group	A/D
Soil Drainage Class	Very poorly drained
Hydric Classification	100
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-32		Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Highly organic soils, Peat. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4.23-42.34	0-0

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-32		Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4.23-42.34	0-0
2	32-72	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.34-141.14	3.5-5

SOIL MAP ID 25

USDA Soil Name	Chipley,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat poorly drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	42-141	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-6	Sand	1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	6-80	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID 26

USDA Soil Name	Lakeland,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-7	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6
2	7-80	Sand	Granular materials	Reference: This is a	42-141	4.5-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	7-80	Sand	(35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	4.5-6

SOIL MAP ID A

USDA Soil Name	Bibb,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	D
Soil Drainage Class	Poorly drained
Hydric Classification	73
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-12	Sandy loam	No data	No data	4.2343-14.1143	3.6-5.5
2	12-60	No data	No data	No data	4.2343-14.1143	3.6-5.5

SOIL MAP ID B

USDA Soil Name	Lakeland,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Excessively drained
Hydric Classification	14
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-43	Sand	No data	No data	42.343-141.1433	4.5-6
2	43-80	No data	No data	No data	42.343-141.1433	4.5-6

SOIL MAP ID C

USDA Soil Name	Bibb,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	D
Soil Drainage Class	Poorly drained
Hydric Classification	50
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-12	Sandy loam	No data	No data	4.2343-14.1143	3.6-5.5
2	12-60	No data	No data	No data	4.2343-14.1143	3.6-5.5

SOIL MAP ID D

USDA Soil Name	Pottsburg,Series
USDA Soil Texture	Fine sand
Hydrologic Soil Group	B/D
Soil Drainage Class	Poorly drained
Hydric Classification	54
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-3	Fine sand	No data	No data	42.343-141.1433	3.6-6.5
2	3-57	No data	No data	No data	42.343-141.1433	3.6-6.5
3	57-80	No data	No data	No data	4.2343-14.1143	3.6-6

SOIL MAP ID E

USDA Soil Name	Ortega,Series
USDA Soil Texture	Fine sand
Hydrologic Soil Group	A
Soil Drainage Class	Moderately well drained
Hydric Classification	15
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Fine sand	No data	No data	42.343-141.1433	3.6-6.5
2	5-82	No data	No data	No data	42.343-141.1433	3.6-6.5

WATER AGENCY DATA:

WATER AGENCY SEARCH DISTANCES:

DATABASE:	SEARCH DISTANCE (MILES):
NWIS	1.000
OIL & GAS WELLS - FL	1.000
PWS	1.000
WELLS - FL	1.000
WELLS NW - FL	1.000
WELLS SJ - FL	1.000
WELLS SR - FL	1.000
WELLS SW - FL	1.000

DISTANCE TO NEAREST:	DISTANCE:
NWIS	N/A
OIL & GAS WELLS - FL	N/A
PWS	N/A
WELLS - FL	0.641 mi / 3385 ft
WELLS NW - FL	0.028 mi / 149 ft
WELLS SJ - FL	N/A
WELLS SR - FL	N/A
WELLS SW - FL	N/A

FEDERAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
No Wells Found	N/R	N/R

Note: PWS System location is not always the same as well location.

STATE/LOCAL WATER AGENCY DATA SUMMARY:

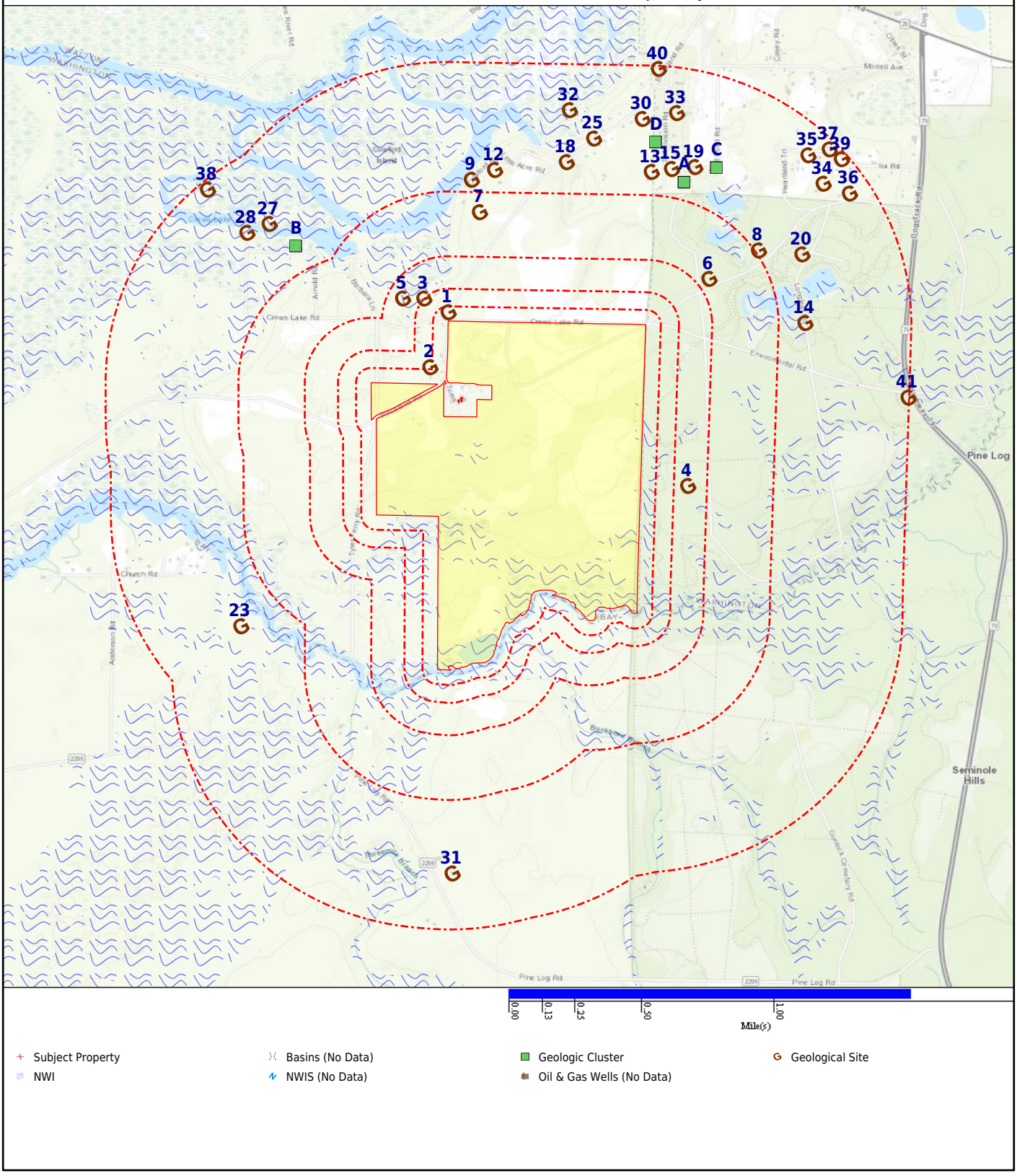
MAP ID:	WELL ID:	LOCATION FROM SP:
1	DO-C-187996-1	< 1/8 Mile NNW

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
2	DO-C-172441-1	< 1/8 Mile NW
3	DO-C-105329-1	< 1/8 Mile NNW
4	DO-C-189225-1	1/8 - 1/4 Mile E
5	DO-C-41692-1	1/8 - 1/4 Mile NNW
6	DO-C-179955-1	1/4 - 1/2 Mile NE
7	DO-C-224684-1	1/4 - 1/2 Mile N
8	LA-C-289980-1	1/2 - 1 Mile NE
9	DO-C-207483-1	1/2 - 1 Mile N
A10	DO-C-149875-1 | DO-C-151235-1	1/2 - 1 Mile NNE
A11	DO-A-270515-1	1/2 - 1 Mile NNE
12	LP-C-215292-1	1/2 - 1 Mile N
13	DO-C-283193-1	1/2 - 1 Mile NNE
14	PS-A-190043-1	1/2 - 1 Mile ENE
15	DO-C-197021-1	1/2 - 1 Mile NNE
B16	DO-A-227301-1	1/2 - 1 Mile NW
B17	DO-C-227216-1	1/2 - 1 Mile NW
18	DO-C-205878-1	1/2 - 1 Mile N
19	DO-C-141735-1	1/2 - 1 Mile NNE
20	AAI0238	1/2 - 1 Mile NE
C21	DO-C-190339-1	1/2 - 1 Mile NE
D22	DO-C-197413-1	1/2 - 1 Mile NNE
23	DO-C-286980-1	1/2 - 1 Mile WSW
C24	DO-C-208766-1	1/2 - 1 Mile NE
25	DO-C-255828-1	1/2 - 1 Mile NNE
D26	DO-C-160833-1	1/2 - 1 Mile NNE
27	DO-C-67249-1	1/2 - 1 Mile NW
28	DO-C-194989-1	1/2 - 1 Mile NW
D29	DO-C-160883-1	1/2 - 1 Mile NNE
30	DO-A-258002-1 | DO-C-258001-1	1/2 - 1 Mile NNE
31	DO-C-179015-1	1/2 - 1 Mile S
32	DO-A-66002-1	1/2 - 1 Mile N
33	DO-C-163715-1	1/2 - 1 Mile NNE
34	DO-C-204359-1	1/2 - 1 Mile NE
35	DO-C-217855-1	1/2 - 1 Mile NE
36	DO-C-188933-1	1/2 - 1 Mile NE
37	DO-C-226826-1	1/2 - 1 Mile NE
38	LA-C-227514-1	1/2 - 1 Mile NW
39	DO-C-226811-1	1/2 - 1 Mile NE
40	AAF4884	1/2 - 1 Mile NNE
41	DO-C-98311-1	1/2 - 1 Mile ENE

SUBJECT NAME: Seven Runs Creek
ADDRESS: Washington County School District, Ebro, FL
LAT/LONG: 30.416840 / -85.900148

PREPARED FOR: NorthStar Contracting Group
ORDER #: 49631
REPORT DATE: January 18, 2021



Map Id: 1
Direction: NNW
Distance: 0.028 mi.
Actual: 148.655 ft.
Elevation: 0.012 mi. / 62.631 ft.
Relative: Higher

Site Name : DO-C-187996-1
30.427028, -85.904066
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24024617
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-187996-1
Issue Date :	2005-02-22
Completion Date :	2005-08-18
Station ID :	204983
Legacy Number :	M200500826
Contractor License :	3182
Owner Name :	Mitch Dever
Contractor Name :	A.J. (Joey) Collingsworth
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 2, TWP: 1S, RNG: 17W
Casing Depth :	0
Total Depth :	0
Diameter :	4
Compliance Number :	231082
Well Street Address :	5850 Crews Lake Rd
Location Address :	5850 Crews Lake Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302537.3
Longitude :	855414.639
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 2
Direction: NW
Distance: 0.056 mi.
Actual: 294.455 ft.
Elevation: 0.01 mi. / 54.721 ft.
Relative: Higher

Site Name : DO-C-172441-1
30.423917, -85.905222
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24017949
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-172441-1
Issue Date :	2003-07-10
Completion Date :	2003-09-09
Station ID :	188548
Legacy Number :	M200301177
Contractor License :	3075
Owner Name :	Keith Dove
Contractor Name :	Croska M Williamson
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 12, TWP: 1S, RNG: 17W
Casing Depth :	183
Total Depth :	220
Diameter :	4
Compliance Number :	216419
Well Street Address :	5808 Strickland Rd.
Location Address :	5808 Strickland Rd., Ebro, FL
Type of Work :	New Construction

Map Id: 2
Direction: NW
Distance: 0.056 mi.
Actual: 294.455 ft.
Elevation: 0.01 mi. / 54.721 ft.
Relative: Higher

Site Name : DO-C-172441-1
30.423917, -85.905222
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24017949
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	30
Latitude :	302526.1
Longitude :	855418.8
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 3
Direction: NNW
Distance: 0.124 mi.
Actual: 656.890 ft.
Elevation: 0.006 mi. / 30.157 ft.
Relative: Lower

Site Name : DO-C-105329-1
30.427778, -85.905556
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 23999083
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-105329-1
Issue Date :	1995-02-23
Completion Date :	1995-03-14
Station ID :	117741
Legacy Number :	M199500987
Contractor License :	1988
Owner Name :	Bill Pitts Const.
Contractor Name :	Charles Hubbard
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 11, TWP: 1S, RNG: 17W
Casing Depth :	80
Total Depth :	200
Diameter :	4
Compliance Number :	153164
Well Street Address :	Off Strickland Rd.
Location Address :	Off Strickland Rd., Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	25
Latitude :	302540
Longitude :	855420
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 4
Direction: E
Distance: 0.171 mi.
Actual: 904.560 ft.
Elevation: 0.008 mi. / 44.642 ft.
Relative: Lower

Site Name : DO-C-189225-1
30.417278, -85.888944
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24025016
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-189225-1
Issue Date :	2005-04-26
Completion Date :	2005-04-30
Station ID :	206115
Legacy Number :	M200501262
Contractor License :	3182
Owner Name :	Jim Kincaid
Contractor Name :	A.J. (Joey) Collingsworth
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	200
Total Depth :	400
Diameter :	4
Compliance Number :	232241
Well Street Address :	5511 Still Pond Rd
Location Address :	5511 Still Pond Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	25
Latitude :	302502.2
Longitude :	855320.2
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 5
Direction: NNW
Distance: 0.196 mi.
Actual: 1032.382 ft.
Elevation: 0.006 mi. / 30.837 ft.
Relative: Lower

Site Name : DO-C-41692-1
30.427778, -85.906944
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24052512
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-41692-1
Issue Date :	1986-05-01
Completion Date :	1986-06-17
Station ID :	50766
Legacy Number :	T198603192
Contractor License :	2511
Owner Name :	S. E. Carter
Contractor Name :	Larry Pollock
Driller Name :	N/R
County :	Calhoun
Section/Township/Range :	SEC: 5, TWP: 1S, RNG: 9W
Casing Depth :	74
Total Depth :	365
Diameter :	2
Compliance Number :	93225
Well Street Address :	Hwy. 20 near Hwy. 73
Location Address :	Hwy. 20 near Hwy. 73, Clarksville, FL
Type of Work :	New Construction

Map Id: 5
Direction: NNW
Distance: 0.196 mi.
Actual: 1032.382 ft.
Elevation: 0.006 mi. / 30.837 ft.
Relative: Lower

Site Name : DO-C-41692-1
30.427778, -85.906944
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24052512
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	26
Latitude :	302540
Longitude :	855425
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 6
Direction: NE
Distance: 0.287 mi.
Actual: 1516.568 ft.
Elevation: 0.014 mi. / 72.441 ft.
Relative: Higher

Site Name : DO-C-179955-1
30.428919, -85.887623
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24022624
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-179955-1
Issue Date :	2004-04-26
Completion Date :	2004-05-20
Station ID :	196497
Legacy Number :	M200400955
Contractor License :	3122
Owner Name :	Lid Marlow
Contractor Name :	Dennis Worrell
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	85
Total Depth :	160
Diameter :	4
Compliance Number :	223508
Well Street Address :	5623 Marlow Rd
Location Address :	5623 Marlow Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	50
Latitude :	302544.109
Longitude :	855315.441
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 7
Direction: N
Distance: 0.416 mi.
Actual: 2195.176 ft.
Elevation: 0.012 mi. / 65.988 ft.
Relative: Higher

Site Name : DO-C-224684-1
30.432617, -85.902084
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24033286
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-224684-1
Issue Date :	2009-05-11
Completion Date :	2009-05-25
Station ID :	27385
Legacy Number :	T200901200
Contractor License :	3109
Owner Name :	Dorothy Jones
Contractor Name :	Clifford A Taylor
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	60
Total Depth :	220
Diameter :	4
Compliance Number :	265685
Well Street Address :	5664 Strickland Road
Location Address :	5664 Strickland Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	6
Latitude :	302557.422
Longitude :	855407.503
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 8
Direction: NE
Distance: 0.504 mi.
Actual: 2661.482 ft.
Elevation: 0.013 mi. / 66.755 ft.
Relative: Higher

Site Name : LA-C-289980-1
30.430487, -85.884452
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 22929062
EPA ID: N/R

WELLS NW - FL

Permit :	LA-C-289980-1
Issue Date :	2019-11-07
Completion Date :	2019-11-11
Station ID :	288454
Legacy Number :	N/R
Contractor License :	3247
Owner Name :	Ciitf/Agr.-Div Forestry
Contractor Name :	Christopher J Bell
Driller Name :	Luke Cotton
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	108
Total Depth :	320
Diameter :	0
Compliance Number :	432419
Well Street Address :	Crews Lake Road
Location Address :	Crews Lake Road, Ebro, FL 32437
Type of Work :	New Construction

Map Id: 8
Direction: NE
Distance: 0.504 mi.
Actual: 2661.482 ft.
Elevation: 0.013 mi. / 66.755 ft.
Relative: Higher

Site Name : LA-C-289980-1
30.430487, -85.884452
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 22929062
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Irrigation - Landscape
Static Water Level (ft) :	30
Latitude :	302549.7532
Longitude :	855304.0272
Documents :	N/R
Last Date in Agency List :	2019-12-17

Map Id: 9
Direction: N
Distance: 0.539 mi.
Actual: 2848.326 ft.
Elevation: 0.008 mi. / 40.374 ft.
Relative: Lower

Site Name : DO-C-207483-1
30.434417, -85.902536
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24025908
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-207483-1
Issue Date :	2007-03-27
Completion Date :	2007-04-27
Station ID :	225401
Legacy Number :	M200700807
Contractor License :	3150
Owner Name :	Charlie Abbott
Contractor Name :	Phillip Hubbard
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 31, TWP: 1N, RNG: 16W
Casing Depth :	90
Total Depth :	180
Diameter :	4
Compliance Number :	249452
Well Street Address :	5528 Cowford Rd
Location Address :	5528 Cowford Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	15
Latitude :	302603.9
Longitude :	855409.13
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: A10
Direction: NNE
Distance: 0.569 mi.
Actual: 3005.609 ft.
Elevation: 0.014 mi. / 72.11 ft.
Relative: Higher

Site Name : DO-C-149875-1 | DO-C-151235-1
30.434413, -85.889113
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24015477
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-149875-1
Issue Date :	2000-11-15
Completion Date :	2001-02-14
Station ID :	164069
Legacy Number :	M200100260
Contractor License :	3068
Owner Name :	Tommy Cotter
Contractor Name :	Jason Hubbard
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	60
Total Depth :	100
Diameter :	4
Compliance Number :	195145
Well Street Address :	5515 Still Pond Road
Location Address :	5515 Still Pond Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	45
Latitude :	302603.887
Longitude :	855320.806
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Permit :	DO-C-151235-1
Issue Date :	2001-02-22
Completion Date :	2001-02-27
Station ID :	165547
Legacy Number :	M200100742
Contractor License :	1363
Owner Name :	Tommy Cotter
Contractor Name :	Den A Trumbull, Jr.
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	100
Total Depth :	160
Diameter :	4
Compliance Number :	325787
Well Street Address :	5515 Still Pond Road
Location Address :	5515 Still Pond Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	47
Latitude :	302603.887
Longitude :	855320.806
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: A11
Direction: NNE
Distance: 0.573 mi.
Actual: 3024.769 ft.
Elevation: 0.013 mi. / 70.925 ft.
Relative: Higher

Site Name : DO-A-270515-1
30.434443, -85.889004
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 23997874
EPA ID: N/R

WELLS NW - FL

Permit :	DO-A-270515-1
Issue Date :	2001-09-28
Completion Date :	2001-10-18
Station ID :	170664
Legacy Number :	M200102100
Contractor License :	3068
Owner Name :	Tommy Cotter
Contractor Name :	Jason Hubbard
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	100
Total Depth :	100
Diameter :	4
Compliance Number :	308560
Well Street Address :	5515 Still Pond Road
Location Address :	5515 Still Pond Road, Ebro, FL
Type of Work :	Abandonment
Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302603.994
Longitude :	855320.414
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 12
Direction: N
Distance: 0.581 mi.
Actual: 3070.111 ft.
Elevation: 0.013 mi. / 68.953 ft.
Relative: Higher

Site Name : LP-C-215292-1
30.435, -85.9011
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24128977
EPA ID: N/R

WELLS NW - FL

Permit :	LP-C-215292-1
Issue Date :	2007-11-20
Completion Date :	2008-02-01
Station ID :	233094
Legacy Number :	M200800310
Contractor License :	2275
Owner Name :	John Savage
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	70
Total Depth :	200
Diameter :	4
Compliance Number :	256818
Well Street Address :	5419 Little Acre Rd
Location Address :	5419 Little Acre Rd, Ebro, FL
Type of Work :	New Construction

Map Id: 12
Direction: N
Distance: 0.581 mi.
Actual: 3070.111 ft.
Elevation: 0.013 mi. / 68.953 ft.
Relative: Higher

Site Name : LP-C-215292-1
30.435, -85.9011
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24128977
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Public Water Supply (Limited Use/DOH)
Static Water Level (ft) :	50
Latitude :	302606
Longitude :	855403.96
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 13
Direction: NNE
Distance: 0.586 mi.
Actual: 3093.011 ft.
Elevation: 0.014 mi. / 74.724 ft.
Relative: Higher

Site Name : DO-C-283193-1
30.434908, -85.891208
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24044370
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-283193-1
Issue Date :	2006-03-02
Completion Date :	2006-03-04
Station ID :	214509
Legacy Number :	M200600882
Contractor License :	2275
Owner Name :	Bobby Mornell
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	90
Total Depth :	160
Diameter :	4
Compliance Number :	321672
Well Street Address :	5436 Subdivision Rd
Location Address :	5436 Subdivision Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	40
Latitude :	302605.667
Longitude :	855328.35
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 14
Direction: ENE
Distance: 0.593 mi.
Actual: 3131.954 ft.
Elevation: 0.011 mi. / 59.314 ft.
Relative: Higher

Site Name : PS-A-190043-1
30.42642, -85.88153
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24224370
EPA ID: N/R

WELLS NW - FL

Permit :	PS-A-190043-1
Issue Date :	2005-06-10
Completion Date :	2005-06-12
Station ID :	208561
Legacy Number :	M200501552
Contractor License :	2275
Owner Name :	Pine Log State Park
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 7, TWP: 1S, RNG: 16W
Casing Depth :	0
Total Depth :	70
Diameter :	4
Compliance Number :	233011
Well Street Address :	5583 Long Leaf Dr
Location Address :	5583 Long Leaf Dr, Ebro, FL
Type of Work :	Abandonment
Well Use :	Public Water Supply (Community or Non-Community/DEP)
Static Water Level (ft) :	N/R
Latitude :	302535.113
Longitude :	855253.507
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 15
Direction: NNE
Distance: 0.602 mi.
Actual: 3176.115 ft.
Elevation: 0.014 mi. / 74.472 ft.
Relative: Higher

Site Name : DO-C-197021-1
30.435035, -85.889931
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24026910
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-197021-1
Issue Date :	2006-02-14
Completion Date :	2006-02-17
Station ID :	214484
Legacy Number :	M200600769
Contractor License :	3155
Owner Name :	Curtis Thornton
Contractor Name :	Zachary C Dixon
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1N, RNG: 16W
Casing Depth :	200
Total Depth :	220
Diameter :	4
Compliance Number :	239587
Well Street Address :	5431 Subdivision Rd
Location Address :	5431 Subdivision Rd, Ebro, FL
Type of Work :	New Construction

Map Id: 15
Direction: NNE
Distance: 0.602 mi.
Actual: 3176.115 ft.
Elevation: 0.014 mi. / 74.472 ft.
Relative: Higher

Site Name : DO-C-197021-1
30.435035, -85.889931
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24026910
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	60
Latitude :	302606.125
Longitude :	855323.751
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: B16
Direction: NW
Distance: 0.602 mi.
Actual: 3177.361 ft.
Elevation: 0.002 mi. / 10.207 ft.
Relative: Lower

Site Name : DO-A-227301-1
30.430882, -85.913523
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 23995619
EPA ID: N/R

WELLS NW - FL

Permit :	DO-A-227301-1
Issue Date :	2010-02-25
Completion Date :	2010-03-10
Station ID :	26114
Legacy Number :	M201000379
Contractor License :	3211
Owner Name :	Carolyn Creamer
Contractor Name :	Michael Cooper
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 2, TWP: 1S, RNG: 17W
Casing Depth :	0
Total Depth :	300
Diameter :	4
Compliance Number :	268158
Well Street Address :	5662 Arnold Rd
Location Address :	5662 Arnold Rd, Ebro, FL
Type of Work :	Abandonment
Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302551.176
Longitude :	855448.683
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: B17
Direction: NW
Distance: 0.604 mi.
Actual: 3186.613 ft.
Elevation: 0.002 mi. / 10.207 ft.
Relative: Lower

Site Name : DO-C-227216-1
30.430891, -85.913567
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24029733
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-227216-1
Issue Date :	2010-02-19
Completion Date :	2010-03-08
Station ID :	25752
Legacy Number :	M201000349
Contractor License :	3217
Owner Name :	Carolyn Cramer
Contractor Name :	Jay N Trumbull
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 2, TWP: 1S, RNG: 17W
Casing Depth :	131
Total Depth :	240
Diameter :	4
Compliance Number :	268078
Well Street Address :	5662 Arnold Rd
Location Address :	5662 Arnold Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	25
Latitude :	302551.207
Longitude :	855448.842
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 18
Direction: N
Distance: 0.614 mi.
Actual: 3243.733 ft.
Elevation: 0.011 mi. / 60.095 ft.
Relative: Higher

Site Name : DO-C-205878-1
30.435409, -85.896592
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24025374
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-205878-1
Issue Date :	2006-11-15
Completion Date :	2006-12-06
Station ID :	222438
Legacy Number :	M200700239
Contractor License :	2275
Owner Name :	Natley Ives
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1N, RNG: 17W
Casing Depth :	100
Total Depth :	180
Diameter :	4
Compliance Number :	247938
Well Street Address :	5444 Strickland Rd
Location Address :	5444 Strickland Rd, Ebro, FL
Type of Work :	New Construction

Map Id: 18
Direction: N
Distance: 0.614 mi.
Actual: 3243.733 ft.
Elevation: 0.011 mi. / 60.095 ft.
Relative: Higher

Site Name : DO-C-205878-1
30.435409, -85.896592
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24025374
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	25
Latitude :	302607.474
Longitude :	855347.731
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 19
Direction: NNE
Distance: 0.629 mi.
Actual: 3320.078 ft.
Elevation: 0.011 mi. / 60.63 ft.
Relative: Higher

Site Name : DO-C-141735-1
30.435159, -85.888489
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24013275
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-141735-1
Issue Date :	2000-01-10
Completion Date :	2000-02-14
Station ID :	156481
Legacy Number :	M200000432
Contractor License :	1363
Owner Name :	John Parks
Contractor Name :	Den A Trumbull, Jr.
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 2, TWP: 1S, RNG: 17W
Casing Depth :	105
Total Depth :	160
Diameter :	4
Compliance Number :	187468
Well Street Address :	5512 Stillpond Road
Location Address :	5512 Stillpond Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	25
Latitude :	302606.571
Longitude :	855318.559
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 20
Direction: NE
Distance: 0.641 mi.
Actual: 3384.973 ft.
Elevation: 0.013 mi. / 66.637 ft.
Relative: Higher

Site Name : AAI0238
30.430267, -85.881687
EBRO, FL

Database(s) : [WELLS - FL]

Envirosite ID: 8373841
EPA ID: N/R

WELLS - FL

Florida Unique Well ID :	AAI0238
Well Type :	Transient Non-Community PWS Well
Well Name :	PINE LOG RECREATION AREA
Status :	ACTIVE
Well Address :	5583 A LONGLEAF RD, EBRO, 32437
Well County :	WASHINGTON
Well Owner Name :	N/R
Phone :	N/R
Phone Extension :	N/R
Casing Material :	N/R
Well Depth :	0
Length :	N/R
Diameter :	N/R
Sanitary Seal :	N/R
Permit Number :	1670531
Location ID :	157652
Location Method :	DGPS = Differentially Corrected GPS
Project ID :	DEP
Insp Name :	N/R
Insp CHD :	N/R
Request Number :	N/R
Property ID :	N/R
GPS ID :	157652
Water Supply Restoration Program ID :	N/R
Water Supply Restoration Program Action:	N/R
Potable Status :	POTABLE
Resident Type :	N/R
Other Well ID :	N/R
Software :	N/R
Streetside :	N/R
Agency :	N/R
Parcel ID :	N/R
PWS Design :	N/R
PWS Verify :	0
HAE (Height Above Ellipsoid) :	0
GPS Date :	2003-06-23
Large PWS Well :	0
Datum :	WS1984
Latitude :	30.430267
Longitude :	-85.881687
Comments :	DATUM 84
Last Date in Agency List :	2020-12-20

Map Id: C21
Direction: NE
Distance: 0.650 mi.
Actual: 3434.120 ft.
Elevation: 0.012 mi. / 65.217 ft.
Relative: Higher

Site Name : DO-C-190339-1
30.435038, -85.887061
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24025350
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-190339-1
Issue Date :	2005-06-24
Completion Date :	2005-08-29
Station ID :	208069
Legacy Number :	M200501657
Contractor License :	2226
Owner Name :	Leaman Hall
Contractor Name :	John R Brown
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	84
Total Depth :	210
Diameter :	4
Compliance Number :	233291
Well Street Address :	5379 Still Pond Rd
Location Address :	5379 Still Pond Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	40
Latitude :	302606.136
Longitude :	855313.418
Documents :	N/R
Last Date in Agency List :	2019-12-17

Map Id: D22
Direction: NNE
Distance: 0.664 mi.
Actual: 3505.904 ft.
Elevation: 0.012 mi. / 62.369 ft.
Relative: Higher

Site Name : DO-C-197413-1
30.436028, -85.890878
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24023767
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-197413-1
Issue Date :	2006-03-08
Completion Date :	2006-04-01
Station ID :	215693
Legacy Number :	M200600908
Contractor License :	2275
Owner Name :	Butch & Virginia Scott
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	100
Total Depth :	180
Diameter :	4
Compliance Number :	239957
Well Street Address :	5476 30Subdivision Rd
Location Address :	5476 30Subdivision Rd, Ebro, FL
Type of Work :	New Construction

Map Id: D22
Direction: NNE
Distance: 0.664 mi.
Actual: 3505.904 ft.
Elevation: 0.012 mi. / 62.369 ft.
Relative: Higher

Site Name : DO-C-197413-1
30.436028, -85.890878
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24023767
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	40
Latitude :	302609.702
Longitude :	855327.159
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 23
Direction: WSW
Distance: 0.675 mi.
Actual: 3562.893 ft.
Elevation: 0.004 mi. / 20.18 ft.
Relative: Lower

Site Name : DO-C-286980-1
30.409459, -85.917134
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24045294
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-286980-1
Issue Date :	2019-05-02
Completion Date :	2019-07-22
Station ID :	284915
Legacy Number :	N/R
Contractor License :	2203
Owner Name :	John Smith
Contractor Name :	Robert L Bush
Driller Name :	Robert Bush
County :	Bay
Section/Township/Range :	SEC: 14, TWP: 1S, RNG: 17W
Casing Depth :	100
Total Depth :	220
Diameter :	0
Compliance Number :	422953
Well Street Address :	14250 Anderson Road
Location Address :	14250 Anderson Road, Panama City Beach, FL 32413
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	5
Latitude :	302434.0524
Longitude :	855501.6824
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: C24
Direction: NE
Distance: 0.683 mi.
Actual: 3604.953 ft.
Elevation: 0.012 mi. / 65.479 ft.
Relative: Higher

Site Name : DO-C-208766-1
30.435515, -85.88697
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24029651
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-208766-1
Issue Date :	2007-06-01
Completion Date :	2007-06-10
Station ID :	225821
Legacy Number :	M200701262
Contractor License :	2275
Owner Name :	Eva Morrell
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 31, TWP: 1N, RNG: 16W
Casing Depth :	100
Total Depth :	180
Diameter :	4
Compliance Number :	250660
Well Street Address :	5445 Still Pond Rd
Location Address :	5445 Still Pond Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	40
Latitude :	302607.853
Longitude :	855313.093
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 25
Direction: NNE
Distance: 0.710 mi.
Actual: 3746.685 ft.
Elevation: 0.011 mi. / 59.938 ft.
Relative: Higher

Site Name : DO-C-255828-1
30.436761, -85.894833
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24038728
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-255828-1
Issue Date :	2016-03-29
Completion Date :	2016-05-04
Station ID :	269531
Legacy Number :	W201602369
Contractor License :	2203
Owner Name :	Carl Seley
Contractor Name :	Robert L Bush
Driller Name :	Robert Bush
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	160
Total Depth :	220
Diameter :	4
Compliance Number :	294764
Well Street Address :	5534 Strickland Road
Location Address :	5534 Strickland Road, Ebro, FL
Type of Work :	New Construction

Map Id: 25
Direction: NNE
Distance: 0.710 mi.
Actual: 3746.685 ft.
Elevation: 0.011 mi. / 59.938 ft.
Relative: Higher

Site Name : DO-C-255828-1
30.436761, -85.894833
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24038728
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302612.34
Longitude :	855341.4
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: D26
Direction: NNE
Distance: 0.715 mi.
Actual: 3775.032 ft.
Elevation: 0.012 mi. / 65.915 ft.
Relative: Higher

Site Name : DO-C-160833-1
30.436764, -85.890822
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24018175
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-160833-1
Issue Date :	2002-02-19
Completion Date :	2002-03-26
Station ID :	175928
Legacy Number :	M200200604
Contractor License :	3155
Owner Name :	Nicholas Perez
Contractor Name :	Zachary C Dixon
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 29, TWP: 1N, RNG: 16W
Casing Depth :	120
Total Depth :	145
Diameter :	4
Compliance Number :	205471
Well Street Address :	5462 Subdivision Road
Location Address :	5462 Subdivision Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	38
Latitude :	302612.352
Longitude :	855326.958
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 27
Direction: NW
Distance: 0.718 mi.
Actual: 3790.123 ft.
Elevation: 0.001 mi. / 6.706 ft.
Relative: Lower

Site Name : DO-C-67249-1
30.431944, -85.915278
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24060758
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-67249-1
Issue Date :	1989-11-01
Completion Date :	1989-12-06
Station ID :	77560
Legacy Number :	M199000511
Contractor License :	2571
Owner Name :	Ms. Ray Brannon
Contractor Name :	Ronnie Hughes
Driller Name :	N/R
County :	Walton
Section/Township/Range :	SEC: 12, TWP: 2S, RNG: 18W
Casing Depth :	90
Total Depth :	210
Diameter :	4
Compliance Number :	117305
Well Street Address :	Off Hwy. 3280
Location Address :	Off Hwy. 3280, Bruce, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302555
Longitude :	855455
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 28
Direction: NW
Distance: 0.743 mi.
Actual: 3923.260 ft.
Elevation: 0.002 mi. / 11.02 ft.
Relative: Lower

Site Name : DO-C-194989-1
30.431472, -85.91675
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24023156
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-194989-1
Issue Date :	2005-10-10
Completion Date :	2005-10-27
Station ID :	213755
Legacy Number :	M200600048
Contractor License :	2549
Owner Name :	Mitch Dever
Contractor Name :	Danny Howell
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 2, TWP: 1S, RNG: 17W
Casing Depth :	60
Total Depth :	120
Diameter :	4
Compliance Number :	237675
Well Street Address :	5850 Crewslake Rd
Location Address :	5850 Crewslake Rd, Ebro, FL
Type of Work :	New Construction

Map Id: 28
Direction: NW
Distance: 0.743 mi.
Actual: 3923.260 ft.
Elevation: 0.002 mi. / 11.02 ft.
Relative: Lower

Site Name : DO-C-194989-1
30.431472, -85.91675
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24023156
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	3
Latitude :	302553.3
Longitude :	855500.3
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: D29
Direction: NNE
Distance: 0.752 mi.
Actual: 3970.537 ft.
Elevation: 0.013 mi. / 66.325 ft.
Relative: Higher

Site Name : DO-C-160883-1
30.437299, -85.890786
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24015369
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-160883-1
Issue Date :	2002-02-19
Completion Date :	2002-03-26
Station ID :	176119
Legacy Number :	M200200622
Contractor License :	3155
Owner Name :	Danny Perez
Contractor Name :	Zachary C Dixon
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 29, TWP: 1N, RNG: 16W
Casing Depth :	120
Total Depth :	145
Diameter :	4
Compliance Number :	205519
Well Street Address :	5460 Subdic=vision Road
Location Address :	5460 Subdic=vision Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	38
Latitude :	302614.278
Longitude :	855326.828
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 30
Direction: NNE
Distance: 0.788 mi.
Actual: 4160.858 ft.
Elevation: 0.014 mi. / 71.604 ft.
Relative: Higher

Site Name : DO-A-258002-1 | DO-C-258001-1
30.437847, -85.891833
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 23997559
EPA ID: N/R

WELLS NW - FL

Permit :	DO-A-258002-1
Issue Date :	2016-08-18
Completion Date :	2016-09-07
Station ID :	270630
Legacy Number :	W201604634
Contractor License :	2203
Owner Name :	Jacob Singletary
Contractor Name :	Robert L Bush
Driller Name :	Robert Bush
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	40
Total Depth :	40
Diameter :	4
Compliance Number :	296777
Well Street Address :	5543 Strickland Road
Location Address :	5543 Strickland Road, Ebro, FL
Type of Work :	Abandonment
Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302616.25
Longitude :	855330.6
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Permit :	DO-C-258001-1
Issue Date :	2016-08-18
Completion Date :	2016-09-07
Station ID :	270805
Legacy Number :	W201604635
Contractor License :	2203
Owner Name :	Jacob Singletary
Contractor Name :	Robert L Bush
Driller Name :	Robert Bush
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	100
Total Depth :	200
Diameter :	4
Compliance Number :	296776
Well Street Address :	5543 Strickland Road
Location Address :	5543 Strickland Road, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302616.25
Longitude :	855330.6
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 31
Direction: S
Distance: 0.793 mi.
Actual: 4186.154 ft.
Elevation: 0.01 mi. / 52.989 ft.
Relative: Higher

Site Name : DO-C-179015-1
30.395569, -85.903737
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24019385
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-179015-1
Issue Date :	2004-03-02
Completion Date :	2004-03-11
Station ID :	194861
Legacy Number :	M200400621
Contractor License :	3155
Owner Name :	Quincy Carnley
Contractor Name :	Zachary C Dixon
Driller Name :	N/R
County :	Bay
Section/Township/Range :	SEC: 19, TWP: 1S, RNG: 16W
Casing Depth :	120
Total Depth :	200
Diameter :	4
Compliance Number :	222622
Well Street Address :	10628 Pine Log Rd
Location Address :	10628 Pine Log Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	24
Latitude :	302344.049
Longitude :	855413.452
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 32
Direction: N
Distance: 0.817 mi.
Actual: 4311.383 ft.
Elevation: 0.002 mi. / 10.535 ft.
Relative: Lower

Site Name : DO-A-66002-1
30.438333, -85.896389
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 23997331
EPA ID: N/R

WELLS NW - FL

Permit :	DO-A-66002-1
Issue Date :	1989-08-15
Completion Date :	1989-08-28
Station ID :	75592
Legacy Number :	T198906280
Contractor License :	1988
Owner Name :	Jimmy L. Strickland
Contractor Name :	Charles Hubbard
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	75
Total Depth :	105
Diameter :	4
Compliance Number :	116129
Well Street Address :	Post Office Road
Location Address :	Post Office Road, Ebro, FL
Type of Work :	Abandonment

Map Id: 32
Direction: N
Distance: 0.817 mi.
Actual: 4311.383 ft.
Elevation: 0.002 mi. / 10.535 ft.
Relative: Lower

Site Name : DO-A-66002-1
30.438333, -85.896389
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 23997331
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302618
Longitude :	855347
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 33
Direction: NNE
Distance: 0.821 mi.
Actual: 4333.955 ft.
Elevation: 0.012 mi. / 65.266 ft.
Relative: Higher

Site Name : DO-C-163715-1
30.438207, -85.889652
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24016230
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-163715-1
Issue Date :	2002-08-21
Completion Date :	2002-12-13
Station ID :	179483
Legacy Number :	M200201626
Contractor License :	2275
Owner Name :	Paul Rutherford
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 1, TWP: 1S, RNG: 17W
Casing Depth :	80
Total Depth :	150
Diameter :	4
Compliance Number :	208188
Well Street Address :	5437 Subdivision Rd.
Location Address :	5437 Subdivision Rd., Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	30
Latitude :	302617.544
Longitude :	855322.747
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 34
Direction: NE
Distance: 0.853 mi.
Actual: 4502.295 ft.
Elevation: 0.014 mi. / 72.989 ft.
Relative: Higher

Site Name : DO-C-204359-1
30.434239, -85.8804
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24025117
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-204359-1
Issue Date :	2006-08-23
Completion Date :	2006-08-26
Station ID :	223511
Legacy Number :	T200603930
Contractor License :	1363
Owner Name :	Henry Collier
Contractor Name :	Den A Trumbull, Jr.
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	165
Total Depth :	265
Diameter :	4
Compliance Number :	246504
Well Street Address :	5272 Crews Rd
Location Address :	5272 Crews Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	38
Latitude :	302603.26
Longitude :	855249.44
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 35
Direction: NE
Distance: 0.884 mi.
Actual: 4666.009 ft.
Elevation: 0.015 mi. / 79.226 ft.
Relative: Higher

Site Name : DO-C-217855-1
30.435789, -85.881372
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24031696
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-217855-1
Issue Date :	2008-05-21
Completion Date :	2008-06-03
Station ID :	236946
Legacy Number :	M200801219
Contractor License :	2226
Owner Name :	Charles Gilley
Contractor Name :	John R Brown
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	98
Total Depth :	166
Diameter :	8
Compliance Number :	259237
Well Street Address :	5480 F Gilley Rd
Location Address :	5480 F Gilley Rd, Ebro, FL
Type of Work :	New Construction

Map Id: 35
Direction: NE
Distance: 0.884 mi.
Actual: 4666.009 ft.
Elevation: 0.015 mi. / 79.226 ft.
Relative: Higher

Site Name : DO-C-217855-1
30.435789, -85.881372
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24031696
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Domestic
Static Water Level (ft) :	N/R
Latitude :	302608.84
Longitude :	855252.94
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 36
Direction: NE
Distance: 0.910 mi.
Actual: 4806.429 ft.
Elevation: 0.013 mi. / 68.264 ft.
Relative: Higher

Site Name : DO-C-188933-1
30.433639, -85.878694
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24021967
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-188933-1
Issue Date :	2005-04-08
Completion Date :	2005-06-16
Station ID :	203988
Legacy Number :	M200501159
Contractor License :	2544
Owner Name :	JE Buell
Contractor Name :	Steve Burkett
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 16, TWP: 1S, RNG: 16W
Casing Depth :	180
Total Depth :	240
Diameter :	4
Compliance Number :	231966
Well Street Address :	5264 Crews Lake Rd
Location Address :	5264 Crews Lake Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	23
Latitude :	302601.1
Longitude :	855243.3
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 37
Direction: NE
Distance: 0.958 mi.
Actual: 5058.004 ft.
Elevation: 0.015 mi. / 78.789 ft.
Relative: Higher

Site Name : DO-C-226826-1
30.436126, -85.87999
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24033651
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-226826-1
Issue Date :	2010-01-06
Completion Date :	2010-01-16
Station ID :	21842
Legacy Number :	M201000211
Contractor License :	2275
Owner Name :	George Anglin
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	100
Total Depth :	180
Diameter :	4
Compliance Number :	267709
Well Street Address :	5482 Ira Rd
Location Address :	5482 Ira Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	40
Latitude :	302610.055
Longitude :	855247.963
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 38
Direction: NW
Distance: 0.963 mi.
Actual: 5084.185 ft.
Elevation: 0.002 mi. / 9.885 ft.
Relative: Lower

Site Name : LA-C-227514-1
30.433857, -85.919196
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24097235
EPA ID: N/R

WELLS NW - FL

Permit :	LA-C-227514-1
Issue Date :	2010-02-08
Completion Date :	2010-02-21
Station ID :	24117
Legacy Number :	P201000455
Contractor License :	3170
Owner Name :	(Creeks Edge Development Co. Inc.)
Contractor Name :	James Horton
Driller Name :	N/R
County :	Santa Rosa
Section/Township/Range :	SEC: 11, TWP: 2S, RNG: 27W
Casing Depth :	25
Total Depth :	35
Diameter :	2
Compliance Number :	335607
Well Street Address :	2721 Lakes Edge Lane
Location Address :	2721 Lakes Edge Lane, Navarre, FL
Type of Work :	New Construction

Map Id: 38
Direction: NW
Distance: 0.963 mi.
Actual: 5084.185 ft.
Elevation: 0.002 mi. / 9.885 ft.
Relative: Lower

Site Name : LA-C-227514-1
30.433857, -85.919196
FL

Database(s) : [WELLS NW - FL] ***(cont.)***

Envirosite ID: 24097235
EPA ID: N/R

WELLS NW - FL ***(cont.)***

Well Use :	Irrigation - Landscape
Static Water Level (ft) :	12
Latitude :	302601.886
Longitude :	855509.105
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 39
Direction: NE
Distance: 0.968 mi.
Actual: 5108.496 ft.
Elevation: 0.015 mi. / 77.47 ft.
Relative: Higher

Site Name : DO-C-226811-1
30.435577, -85.879187
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24029622
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-226811-1
Issue Date :	2010-01-04
Completion Date :	2010-01-16
Station ID :	21736
Legacy Number :	M201000206
Contractor License :	2275
Owner Name :	Wayne (George) Anglin
Contractor Name :	Mike W Spiva
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 6, TWP: 1S, RNG: 16W
Casing Depth :	100
Total Depth :	180
Diameter :	4
Compliance Number :	267695
Well Street Address :	5480 Ira Rd
Location Address :	5480 Ira Rd, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	40
Latitude :	302608.077
Longitude :	855245.072
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

Map Id: 40
Direction: NNE
Distance: 0.982 mi.
Actual: 5187.433 ft.
Elevation: 0.012 mi. / 63.642 ft.
Relative: Higher

Site Name : AAF4884
30.440638, -85.890756
EBRO, FL

Database(s) : [WELLS - FL]

Envirosite ID: 8341942
EPA ID: N/R

WELLS - FL

Florida Unique Well ID :	AAF4884
Well Type :	Private Well
Well Name :	FEROLITO
Status :	ACTIVE
Well Address :	5500 STRICKLAND RD, EBRO, 32437
Well County :	WASHINGTON
Well Owner Name :	JOE FEROLITO
Phone :	N/R
Phone Extension :	N/R
Casing Material :	PVC
Well Depth :	0
Length :	0
Diameter :	2
Sanitary Seal :	Yes
Permit Number :	N/R
Location ID :	313144
Location Method :	GPS = Uncorrected GPS
Project ID :	TOX-NITRATE
Insp Name :	LAKAROLE BROOKS
Insp CHD :	WASHINGTON
Request Number :	N/R
Property ID :	N/R
GPS ID :	313144
Water Supply Restoration Program ID :	N/R
Water Supply Restoration Program Action:	N/R
Potable Status :	POTABLE
Resident Type :	OWNER
Other Well ID :	N/R
Software :	Well_Solo_v2
Streetside :	No
Agency :	DOH
Parcel ID :	N/R
PWS Design :	N/R
PWS Verify :	0
HAE (Height Above Ellipsoid) :	24.06
GPS Date :	2006-10-16
Large PWS Well :	0
Datum :	WS1984
Latitude :	30.440638
Longitude :	-85.890756
Comments :	N/R
Last Date in Agency List :	2020-12-20

Map Id: 41
Direction: ENE
Distance: 0.991 mi.
Actual: 5232.118 ft.
Elevation: 0.006 mi. / 29.432 ft.
Relative: Lower

Site Name : DO-C-98311-1
30.422222, -85.875
FL

Database(s) : [WELLS NW - FL]

Envirosite ID: 24069666
EPA ID: N/R

WELLS NW - FL

Permit :	DO-C-98311-1
Issue Date :	1994-04-15
Completion Date :	1994-05-09
Station ID :	110785
Legacy Number :	M199404787
Contractor License :	3045
Owner Name :	Noah Salyers
Contractor Name :	Gene McGowan
Driller Name :	N/R
County :	Washington
Section/Township/Range :	SEC: 32, TWP: 1N, RNG: 16W
Casing Depth :	70
Total Depth :	100
Diameter :	4
Compliance Number :	146555
Well Street Address :	hwy. 79
Location Address :	hwy. 79, Ebro, FL
Type of Work :	New Construction
Well Use :	Domestic
Static Water Level (ft) :	24
Latitude :	302520
Longitude :	855230
Documents :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2019-12-17

RADON DATA:

STATE SOURCE: No Available Data

FEDERAL AREA RADON INFORMATION FOR: No Available Data

NUMBER OF SAMPLE SITES: No Available Data

HIST PWS ENF
Historical Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
List of Safe Drinking Water Information Systems (SDWIS) with enforcement violations that are no longer in current agency list.

NWIS
National Water Information Systems
United States Geological Society
(703) 648-5953
Information on all water resources for the United States. This database contains all current and historical data for the nation.

PWS
Public Water Supply
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems

PWS ENF
Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems with enforcememnt violations

PWS_MIAMI-DADE COUNTY - FL
Miami-Dade County Potable Water Supply
Miami-Dade County Department of Environmental Resources Management
305-372-6715
Miami-Dade County Potable Water Supply permits

WELLS - FL
Water Well Locations
Florida Department of Health
850-245-4444
Registered Water well locations

WELLS NW - FL
NWWMD Water Wells
Northwest Florida Water Management District
(850) 539-5999
Water well permits for NW Water Management District

WELLS SJ - FL
SJWMD Water Wells
St. Johns River Water Management District
(904) 730-6270
Water well permits for St. Johns River Water Management District

WELLS SR - FL
SRWMD Water Wells
Suwannee River Water Management District
(386) 362-1001
Water well permits for Suwannee River Water Management District

WELLS SW - FL
SWWMD Water Wells
Southwest Florida Water Management District
(352) 796-7211
Water well permits for SW Water Management District

FLOOD Q3
Flood data
Environmental Protection Agency
(202) 566-1667
Q3 Flood Data

HYDROLOGIC UNIT
Hydrologic Unit Maps
USGS
The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

WETLANDS NWI
National Wetland Inventory
U.S. Fish and Wildlife Service
(703) 358-2171
Wetland Inventory for the United States

SSURGO
Detailed Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
Detailed Soil Data Map

STATSGO & MUI
General Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
General Soil Data Map

USGS GEOLOGIC AGE
USGS Digital Data Series DDS
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

OIL & GAS WELLS - FL
Permitted oil & gas wells
Florida Department of Environmental Protection
850-245-2118
Listing of permitted oil and gas wells

RADON
National Radon Database
USGS
703-605-6008
A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

SINKHOLE - FL
Sinkholes
Florida Department of Environmental Protection
850-617-0316
Sinkhole types, development and distribution based on GIS published map

AIRPORT FACILITIES
Airport landing facilities
Federal Aviation Administration
(866) 835-5322
Airport landing facilities

BASINS
Better Assessment Science Integrating point & Non-point Sources
U.S. Environmental Protection Agency
855-246-3642
Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources

DIGITAL OBSTACLE
Obstacles of interest to aviation users
Federal Aviation Administration
855-379-6518
The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

EPICENTERS
National Geographical Data Center
National Geographical Data Center
303-497-6826
List of recent and historic earthquakes and information.

FLOOD DFIRM
National Flood Hazard Layer Database
Federal Emergency Management Agency
The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMAs Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.

Appendix I

Pre-Environmental Site Assessment Questionnaire

Pre-Environmental Site Assessment Questionnaire

Office (850)-531-9860
Email to:
pjackson@northstar.com

Please answer the following questions in good faith and to the best of your knowledge. If a question does not apply, or if you are unsure of the answer, please indicate that in your response.

1. List all the names of any individuals who have experience in operations at the Subject Property. Please include current operators, employees, and/or land managers. This list of contacts will be used to arrange interviews during the site assessment.

   Mike Kalinock – Asset Manager
   Tom Watson – Former employee of owner, current broker
   Spencer Bonjean – Hunting manager

2. Identify the main contacts for further inquiries, if they are different from the current property owner.

   N/A

   ---

3. Are any natural water bodies or wetland areas located on the Subject Property? If so, provide the name, if applicable, a brief description and location?

   Several Artesian wells are located on property as can be seen via aerial on Google.

4. Is the Subject Property located near any schools or recreational facilities? If so, please name.

   No

   ---

5. Are any buildings, improvements, or other modifications present on the Subject Property? Is so, please describe – including age, square footage (for buildings), if known.

   A single story house currently exists and is used by our hunting manager. The house is a single story rancher over 50 years of age.

   ---

6. Are you aware of the presence of asbestos, lead paint, or PCBs in any structure, building, or equipment (electrical/mechanical) present on the Subject Property?

No

7. How are the structures or storage areas being used?

   As mentioned above.

8. What are the current land uses (commercial and recreational) of the Subject Property?

   Land is agricultural and has not been developed.

9. What are the previous uses of the Subject Property (to the best of your knowledge)?

   To my knowledge, the land has only been used for recreational purposes.

10. Are you aware of any previous environmental or archaeological assessments conducted for the Subject Property? If so, are you able to provide a copy of the assessment report(s) for review?

    We had a phase 1 done when acquired in 2004, but unable to locate. The Phase 1 did not raise any concerns and the property was financed.

11. Are you aware of any <u>past</u> underground or aboveground storage tanks, chemical storage areas, or chemical mixing areas located on or adjacent to the Subject Property? If so, please describe and provide a location.

    No

12. If underground storage tanks (USTs) or aboveground storage tanks (ASTs) are <u>currently present</u> at the Subject Property, please complete the UST/AST form attached to this questionnaire. *<u>If no tanks are present at the Subject Property, please disregard the UST / AST form.</u>*

13. Are you aware of any landfills (public or private) or any dumping on, or adjacent to, the Subject Property? If so, please describe and provide location.

    No

14. If yes, identify the waste types that were disposed of within the landfill and /or area of dumping.

    _____
    _____
    _____

15. Are you aware of any hazardous substances ever stored or produced on the Subject Property? If yes, please identify or provide the Safety Data Sheet for those hazardous substances.

    No

16. Have any State-, Federal-, or government-issued environmental permits been issued in relation to the Subject Property (for example, NPDES permits)?

    No

17. Are there any wells (water, irrigation, monitoring, injection) located on the Subject Property? If so, please describe type and location.

    Only natural Artesian wells previously mentioned.

18. Are you aware of any liens, use restrictions, or deed covenants associated with the Subject Property? If so, please describe and provide the location.

    Currently financed by FarmCredit of NW Florida. Asset manager has all related documents.

19. Is there any other information you feel would be important or useful related to the Subject Property or immediately adjacent properties?

    Since we've owned, the property has only been used for hunting recreation. To our knowledge, that is how this property was historically used.

Completed By: **Date Completed:**

_____

UST / AST Form

Email to: pjackson@northstar.com

1. **Quantity** - How many underground storage tanks (USTs) are at the Subject Property? _____

   How many aboveground storage tanks (ASTs) are at the Subject Property? _____

2. **Location** - Please attach site maps, facility layouts or provide a description regarding where the tanks are located relative to one another. Include the map / layout / description and location of any groundwater monitoring wells, as well as the proximity of tanks to water retention ponds, surface impoundments, sewer / utility lines, storm / waste water lines, surface water, or stormwater drains.

3. **Ownership and Management** - *Please complete the following matrix for each tank at the Subject Property, adding lines if necessary.*

Tank ID	AST or UST	Owner	Operator Name/Organization	Relationship of Operator to Owner

Tank operator means any person in control of, or having responsibility for, the daily operation of the AST or UST system. Provide the individuals name, organization, and/or relationship to the owner

4. Who submits the required notification and reports to the regulatory agency? (For example, certification of installation, release reports, corrective action plans, etc.). _____

5. Who maintains tank documentation? _____

   Where is this documentation kept? _____

UST / AST
Form, continued

6. Who oversees and tracks product delivery and inventory control? Please provide the individuals name, organization, and/or relationship to the owner. _____

7. Who performs operation and maintenance of the equipment and systems? Please provide the individuals name, organization, and/or reports, corrective action plans, etc.). _____

8. **Tank Profile** - *Please complete the following matrix for each tank at the Subject Property, adding lines if necessary.*

Tank ID	Tank Capacity	Tank Construction Material	Product Stored in Tank	Dispenser (Y/N)	Piping Material	Secondary Containment (Y/N)	Any Releases (Y/N)	Release Follow-up Action

* **Construction Material Key:**
a) steel without protection *b) steel with cathodic protection* *c) steel with corrosion protection* *d) vaulted steel* *e) other metal*
f) fiberglass *g) fiberglass reinforced plastic* *h) steel-fiberglass-reinforced-plastic composite* *i) unknown* *j) other (list)*

** **Follow-up Release Action Key:**
k) release investigation *l) passive remediation* *m) soil removal* *n) vapor recovery* *o) inert fill material* *p) other (list)*

9. Have tank closure activities been performed in the past at the Subject Property? Yes _____ No _____

10. Are groundwater monitor well in place at the Subject Property? Yes _____ No _____

11. Are monitor well data, results, and reports available for the last two years? Yes _____ No _____

Appendix J

User Responsibility Questionnaire

X3. USER QUESTIONNAIRE

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)**.**

- **Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? No, DSL looks to the ESA consultant to provide us with this information.**

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)**.**

- **Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? No, DSL looks to the ESA consultant to provide us with this information.**

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)**.**

- **As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? No.**

(4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29)**.**

- **Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? Yes, DSL looks to the DSL approved value established by review and approval of the appraisal of said property by its Bureau of Appraisal. Total compensation to be provided for this property reasonably reflects the fair market value of the property.**

(5) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30)**.**

- **Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,**

  (a) **Do you know the past uses of the *property*? No, DSL looks to the ESA consultant to determine past uses of the property.**

  (b) **Do you know of specific chemicals that are present or once were present at the *property*? No, the ESA consultant will find out through their research of the property, interviews, etc.**

  (c) **Do you know of spills or other chemical releases that have taken place at the *property*? No, the ESA consultant will find out through their research of the property, interviews, etc.**

  (d) **Do you know of any environmental cleanups that have taken place at the *property*? No, the ESA consultant will determine this through their research and regulatory record review of the property.**

(6) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**.**

- **As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*? No.**

James Parker | **DSL Contract Manager**
Name *(Authorized User Representative)* | Title



Signature | **January 13, 2021**
Date

RE:

Project: *Seven Runs Creek Final Phase*
Property Owner: *Washington Crossing, LLC.*
Task Assignment No.: *PL269.022*

Appendix K

Resume of Environmental Professional

Pamela JW Jackson, PG
Contract Manager/Senior Professional Geologist

Summary of Experience / Areas of Specialization

Ms. Jackson is a well-known and respected environmental professional with very broad based experience, stretching from environmental assessment and remediation activities at petroleum-, chlorinated solvent-, and metals-impacted sites to vegetation monitoring, invasive species identification, and hydrologic surface flow restoration projects. Her expertise includes monitor well design and installation, sampling of various media, aquifer testing, gas chromatography, tidal studies, downhole and surface geophysics, data validation, and completion of defensible, data-driven reports. In addition to most aspects of the environmental industry, Ms. Jackson has also conducted numerous environmental and safety audits at large and small construction sites to determine compliance and assist with development of environmental management and control systems.

Ms. Jackson is an expert at both rural and urban land acquisition due diligence investigations, excelling at the historical research and data interpretation needed to reduce client liability and risk. She has also assisted numerous prospective purchasers and sellers, private entities and individuals, and lending institutions with evaluating environmental liability and risk related to property transactions.

During her career, Ms. Jackson has also successfully managed numerous Florida contracts including a FDEP Hazardous Waste Site Cleanup and Drycleaning Solvent Cleanup Program contract, FDOT District 2 contracts, and FDEP Statewide Environmental Site Assessment contracts. In addition to contract management, Ms. Jackson has worked within the Florida Petroleum Restoration Program in past and current configurations, providing streamlined assessments and rapid closures for her clients in Florida.

As an experienced contract manager, Ms. Jackson manages all aspects of client interactions including negotiations and corrective actions, complex project scheduling and administration, preparation of associated work plans and cost estimates, safety planning, subcontractor coordination and management, and invoice preparation. During her 25 years plus of experience working within the environmental industry, Ms. Jackson has successfully worked within the CERCLA, RCRA, OSHA, Florida (FDEP), Georgia (GDNR), South Carolina (SCDHEC), Indiana (IDEM), and Tennessee (TDEC) regulatory environments.

Areas of Specialization

Project and Contract Management • Stakeholder Engagement • Site Access • PRP Cleanup Programs • All Media Sampling • Insurance Claims • Site Decommissioning • Site Closures • Site Assessment • All Appropriate Inquiry/Land Transactions • Quality Assurance/Quality Control • Cost Estimating and Cost Control • Scheduling • Health and Safety Protocols • Data Evaluation • Fate and Transport Models • Report Preparation

Education

Bachelor of Science, Geology, University of North Carolina, 1991

Professional Licenses

Licensed Professional Geologist:

- Florida (No. 2108)
- Georgia (No. 1359)
- North Carolina (No. 1558)
- Wyoming (No. PG-3513)
- Virginia (No. 2801 001593)

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- Indiana (No. 2136)
- Texas (No. 12100)
- Tennessee (N. 4960)
- Alabama (No. 1182).

Professional Training

OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training
OSHA 8-Hour Refresher Course (29 CFR 1910.120), annually updated
OSHA 8-Hour Supervisor/Management Training, annually updated
OSHA 10-Hour General Industry Safety Training
First Aid/CPR, updated biannually
Certified CSX Roadway Worker, updated annually
Dewatering Operations General Permit Training
Qualified Stormwater Management Inspector
FDOT Intermediate MOT Training
Remedial Investigation and Sampling Protocol, USEPA Region IV
Hazardous Waste Site Sampling, USEPA Region IV
Migration, Assessment, and Remediation of Non-Aqueous Phase Liquids; National Groundwater Association (NGA)
Karst Frontiers, Karst Waters Institute Symposium
Environmental Geochemistry of Metals: Investigation and Remediation, NGA
Invasive Exotic Species and Control Methods Workshop, FNAI and IFAS

Project Experience

FDEP Division of State Lands (DSL) Statewide Environmental Site Assessment Contracts, Statewide, Florida

Ms. Jackson is the contract manager for two FDEP contracts with DSL. She is responsible for project planning, cost management, technical oversight, project implementation, data collection and analyses, and preparation of project submittals. Under this contract, she has been responsible for the successful completion of numerous assessments of varying size, type, and value for fee-simple land acquisitions throughout the entire State of Florida. All Phase I and II Environmental Site Assessments conducted under this contract by Ms. Jackson meet the requirements of ASTM E1527-13, E2247-08 and E1903-11. She provided professional expertise to this client 2001 by ensuring historical investigations are thorough and accurate, verifying prior work completed by others, and developing innovative approaches to large parcel Phase II work. In addition to work with FDEP, Ms. Jackson and the project team were able to use this contract to extend our services to other State clients such as the FFWCC and the Department of Agriculture.

City of Tallahassee Environmental Services Contract, City of Tallahassee, Florida

Ms. Jackson provides, senior oversight for various projects being performed for the City of Tallahassee (COT). Projects have ranged in value from approximately $6,000 to $85,000. These projects are typically funded through USEPA Brownfields grants. She provides senior managerial and technical support concerning contractual, financial, and technical aspects of all projects conducted for the city. Projects completed and/or on-going include the CSX Rail Assessment, which is comprised of the assessment of several CSX rail corridors purchased by the COT, the Purdom Power Plant Lube Oil Assessment and Recovery Project, and the Arts Exchange Parcel assessment and remediation. The Arts Exchange Parcel is a Brownfields site within the City of Tallahassee (City). This Parcel is owned by the City and is currently under contract for purchase by a development firm. Ms. Jackson provides the City with environmental support related to the sale of the property, including quality assurance planning, environmental assessment, soil remediation, and project reporting. Ms. Jackson also assists the City with ensuring compliance with the requirements of the Grant, including cost tracking activities, stakeholder coordination, and minority-owned business and women-owned business utilization compliance.

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Florida Department of Transportation District 3, Texar Bayou Bridge Construction, Pensacola, Florida
Ms. Jackson provided senior technical and geologic expertise during the evaluation and initial assessment activities conducted for this FDOT construction project. The road way contractor inadvertently breached a water main during bridge piling installation. This caused significant erosion of the bridge embankment into Texar Bayou, which is impacted by several hazardous waste facilities upstream of the bridge location. Ms. Jackson, along with other NorthStar personnel, met with the roadway contractor, FDEP and FDOT representatives to discuss the necessary sampling and disposal requirements for the displaced sediments. Additionally, Ms. Jackson provided additional technical expertise when samples, collected unnecessarily by a roadway contractor sub, were presented to FDOT as being "hot". Ms. Jackson and Mr. Frost, the project manager, reviewed the subcontractor's data and noted that they had failed to convert the analytical data to the correct units for evaluation. Taking time to properly evaluate the data, rather than reacting to the incorrectly interpreted data preemptively, saved FDOT significant time and resources on this project.

Florida Department of Transportation Maintenance Yard Contract, FDOT District 2, Florida
Ms. Jackson serves as Project Manager for a FDOT District II Contract. Her responsibilities include preparation of workplans, cost estimates and project deliverables, supervision of all aspects of field work, contamination assessments, remedial action implementation, all-media sampling, investigative derived waste (IDW) characterization and profiling, waste transportation and disposal, quality assurance auditing, data reduction and interpretation, and invoicing. She is responsible for creating proposals, client contacts and offsite property owner relations. While managing this contract, Ms. Jackson also serves as Professional Geologist of record for the Lake City Maintenance Yard (SRCO), the Lake City Materials Lab (pursing SRCO through RMO II), the Gainesville Materials Lab (SRCO), and the Bronson Maintenance Yard. As the geologist of record, Ms. Jackson designs and implements the site assessments, coordinated subsequent remediation activities, and facilitates site closures through the most cost effective means to FDOT.

Petroleum Restoration Programs, Statewide Florida and Georgia
Ms. Jackson managed over 30 state-funded petroleum cleanup sites for the States of Florida and Georgia. Florida sites were funded through the Inland Protection Trust Fund. Georgia sites were funded through Georgia Underground Storage Tank Trust Fund. Ms. Jackson was responsible for all aspects of managing and maintaining these sites including client interactions, financial management, assessment and remedial action implementation, cost tracking and invoicing, and site closures. While working in the Florida petroleum restoration program, Ms. Jackson was responsible for bringing over one third of her sites to final closure.

Phase I and II Environmental Assessments, Johnson & Johnson Inc., Madison Florida
Ms. Jackson assisted Johnson & Johnson, Inc. (J&J) with environmental aspects of property acquisition and loan refinancing. The services she provided included Phase I and Phase II ESA, asbestos assessments, lead paint assessments, and project reporting. While assisting J&J with property acquisition, Ms. Jackson coordinated activities with property owners and interviewed property owners and applicable employees. She also evaluated costs of remediation when purchasing adversely impacted property to assist J&J with determining final purchase offers. Sites include residential homes, former hotels, healthcare facilities, strip malls, and fueling facilities. While assisting J&J with loan refinancing, Ms. Jackson coordinated activities with lending officials and ensured all project reports met their specific lending requirements.

Quality Control Manager, FFWCC Objective-based Vegetation Monitoring, Northwest, Northcentral, and South Florida.
Ms. Jackson received vegetation sampling certification from FFWCC. Her duties included monitoring active field crews to ensure vegetation data was collected according to FFWCC standard operating procedures. Also ensured the vegetation data collected was reproducible between sampling teams. Ms. Jackson was responsible for

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troubleshooting any issues that arose during sampling activities and initiated retraining when data drift was observed. All data for this project was collected with data loggers and sub-meter Global Positioning Systems (GPS). Data types included plant species, vegetation coverage, stem counts, height measurements, and basal area data.

Florida Fish & Wildlife Conservation Commission (FFWCC) Hydrology Assessments and Conceptual Restoration Plans, Jefferson, Taylor, Dixie, and Franklin Counties, Florida

Ms. Jackson served as the senior hydrologist and Professional Geologist of record for hydrology assessments conducted at the Big Bend Wildlife Management Area (WMA), the Aucilla WMA, and Box R Ranch WMA. These projects were authorized by FWCC in order to produce a conceptual hydrology restoration plan for the each WMA. Ms. Jackson conducted onsite surveys to provide site-specific information regarding the historical drainage pathways, current drainage divide locations, current natural drainage pathways, existing man-made drainage structures, and propose changes to the existing drainage structures. All existing water flow structures were located and mapped in the field utilizing GIS enabled data collectors equipped with differentially corrected GPS receivers. Once the field data was collected, Ms. Jackson utilized the field data, existing current and historic GIS data layers developed by Florida Natural Areas Inventory (FNAI), historic and current topographic maps, and current and historic aerial photography to develop the Conceptual Restoration Plans. The final project deliverables included GIS data layers indicating basin and sub-basin delineations, natural drainage ways and flow directions, ditches and flow direction, historic flows, existing water control structures and recommended water control structures.

Hazardous Waste Site Cleanup and Drycleaning Solvent Cleanup Programs, FDEP, Statewide-Florida

Ms. Jackson served as Contract Manager for the Hazardous Waste Site Cleanup and Drycleaning Solvent Cleanup Program for over six years. Under this contract, she worked within State of Florida and RCRA regulatory environments. During the course of this contract she has supervised the contamination assessments and remedial action implementations at over twenty chlorinated solvent sites and two hazardous waste sites. Primary responsibilities included assessment design and implementation, cost tracking and control, personnel management, and completion of applicable regulatory documentation.

Professional Geologist/Field Technical Lead, Belle Glade Airport, Belle Glade, Florida

Ms. Jackson served as Professional Geologist and Field Technical Lead this pesticide project. The airport facility has been in operation since the 1960's. Preliminary assessment of the property indicated the presence of toxaphene, dichloro-diphenyl-trichloroethane (DDT), and beta-hexachlorocyclohexane (BHC) at concentrations within the soil and groundwater above cleanup target levels. Additional pesticide compounds identified were chlorothalonil, permethrin, atrazine, simazine and carbaryl. During the course of this project, Ms. Jackson assigned with the design and implementation of soil and groundwater assessment, evaluated the site geology and hydrology, and conducted a preliminary risk evaluation. Remedial actions conducted at the site included source removal from adjacent properties, and a feasibility study to determine whether soil inversion, in-situ heating, or monitoring/natural attenuation would be sufficient to bring the site into compliance.

Charleston Naval Complex, Charleston, South Carolina

Ms. Jackson served as Project Geologist for the supervision of assessment activities associated with 32 petroleum sites at the former Charleston Naval Complex in South Carolina. The primary contaminants at these sites were petroleum-related constituents. She was responsible for the preparation and implementation of the workplans, preparation of all deliverable documents, designed and directed site assessment activities, IDW management, characterization and disposal, maintaining client and property lessor relations, analytical review, quality assurance and quality control for the project, and data reduction and interpretation.

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Marine Corps Logistics Base, Albany, Georgia

Ms. Jackson served as the Senior Geologist for the supervision of all field activities associated with 26 RCRA and CERCLA sites at the Marine Corps Logistics Base in Albany, Georgia. Primary contaminants at this site included chlorinated solvent, pesticides, and arsenic. Field activities included soil removal, IDW management and characterization, monitor well installation, soil and groundwater sampling, natural attenuation sampling, and groundwater remedial system maintenance. She prepared work plans and technical memoranda detailing these field activities, supervised a field crew of up to eight personnel, and managed client and public interactions while onsite. As part of these investigations, Ms. Jackson routinely interacted with representatives from the State of Georgia, the USEPA, and the United States Geological Survey.

Previous Employers

January 2015 – present, NorthStar Contracting Group, Inc.
August 2008 – January 2015, Earth Systems Inc. / Fortis Environmental Group, LLC
March 1999 – July 2008, WRS Compass, Inc. / WRS Infrastructure & Environment, Inc.
September 1998 – March 1999, TetraTech NUS, Inc.
September 1998 – February 1992, Harding Lawson Associates Environmental Services, Inc. / ABB Environmental Services, Inc.
June 1997 – September 1998 – Amoco Remediation Management Services Corp.

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