

Research and Field Methods

Types of Survey (select all that apply): archaeological architectural historical/archival underwater
damage assessment monitoring report other(describe): \_\_\_\_\_

Scope/Intensity/Procedures

pedestrian survey and 5 STPs

Preliminary Methods (select as many as apply to the project as a whole)

Florida Archives (Gray Building) library research- local public local property or tax records other historic maps LIDAR
Florida Photo Archives (Gray Building) library-special collection newspaper files soils maps or data other remote sensing
Site File property search Public Lands Survey (maps at DEP) literature search windshield survey
Site File survey search local informant(s) Sanborn Insurance maps aerial photography
other (describe): \_\_\_\_\_

Archaeological Methods (select as many as apply to the project as a whole)

Check here if NO archaeological methods were used.
surface collection, controlled shovel test-other screen size block excavation (at least 2x2 m) metal detector
surface collection, uncontrolled water screen soil resistivity other remote sensing
shovel test-1/4" screen posthole tests magnetometer pedestrian survey
shovel test-1/8" screen auger tests side scan sonar unknown
shovel test 1/16" screen coring ground penetrating radar (GPR)
shovel test-unscreened test excavation (at least 1x2 m) LIDAR
other (describe): \_\_\_\_\_

Historical/Architectural Methods (select as many as apply to the project as a whole)

Check here if NO historical/architectural methods were used.
building permits demolition permits neighbor interview subdivision maps
commercial permits windshield survey occupant interview tax records
interior documentation local property records occupation permits unknown
other (describe): \_\_\_\_\_

Survey Results

Resource Significance Evaluated? Yes No

Count of Previously Recorded Resources 0 Count of Newly Recorded Resources 0

List Previously Recorded Site ID#s with Site File Forms Completed (attach additional pages if necessary)

N/A

List Newly Recorded Site ID#s (attach additional pages if necessary)

N/A

Site Forms Used: Site File Paper Forms Site File PDF Forms

REQUIRED: Attach Map of Survey or Project Area Boundary

SHPO USE ONLY SHPO USE ONLY SHPO USE ONLY
Origin of Report: 872 Public Lands UW 1A32 # \_\_\_\_\_ Academic Contract Avocational
Grant Project # \_\_\_\_\_ Compliance Review: CRAT # \_\_\_\_\_
Type of Document: Archaeological Survey Historical/Architectural Survey Marine Survey Cell Tower CRAS Monitoring Report
Overview Excavation Report Multi-Site Excavation Report Structure Detailed Report Library, Hist. or Archival Doc
Desktop Analysis MPS MRA TG Other: \_\_\_\_\_
Document Destination: Plottable Projects Plotability: \_\_\_\_\_

## **APPENDIX L**

### **Phase I Environmental Site Assessment**



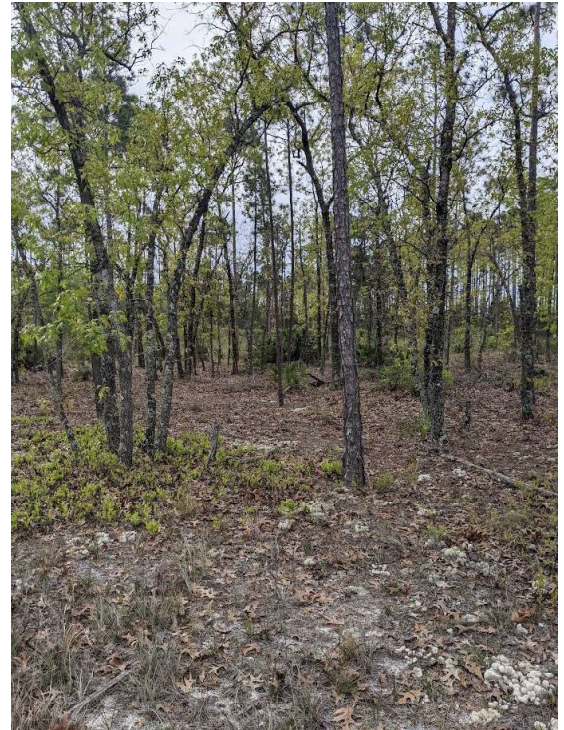
# Phase I Environmental Site Assessment

Proposed Communications Tower Site NXFL-358

North Alachua Raw Land

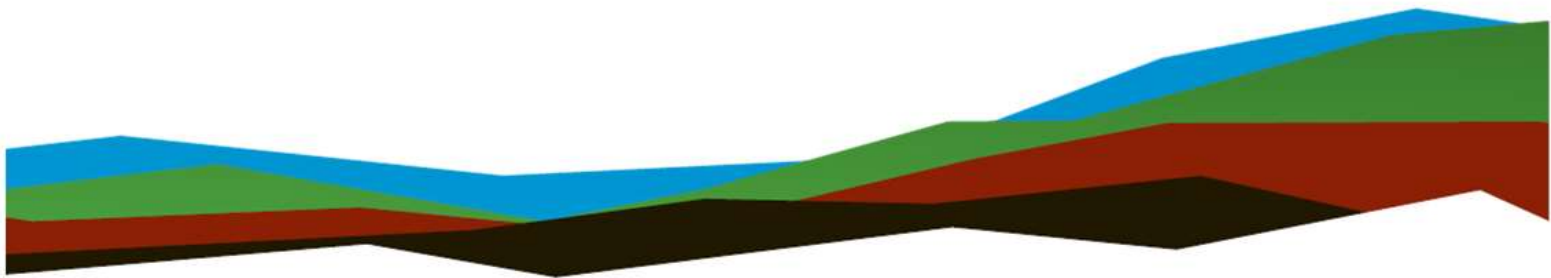
Alachua, Alachua County, Florida

August 2, 2023 | Terracon Project No. EQ237257A



**Prepared for:**

NexTower Development Group II, LLC  
Newberry, Florida



**Prepared by:**

Terracon Consultants, Inc.  
Jacksonville, Florida



Nationwide  
Terracon.com

- Facilities
- Environmental
- Geotechnical
- Materials



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August 2, 2023

NexTower Development Group II, LLC  
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Newberry, FL 32669

Attn: Mr. Joel Rousseau  
P: (352) 363 -5560  
E: [jrousseau@nexttower.net](mailto:jrousseau@nexttower.net)

Re: Phase I Environmental Site Assessment  
Proposed Communications Tower Site NXFL-358  
Alachua, Alachua County, Florida  
Terracon Project No. EQ237257A

Dear Mr. Rousseau:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with our Proposal PEQ237257 dated June 16, 2023.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally, and nationally. For more detailed information on all of Terracon's services please visit our website at [www.terracon.com](http://www.terracon.com). If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,

**Terracon Consultants, Inc.**

Handwritten signature of Nicole Kovach in black ink.

Nicole Kovach  
Field Scientist  
[Nicole.Kovach@terracon.com](mailto:Nicole.Kovach@terracon.com)

Handwritten signature of Kyle Hayes in black ink.

Kyle E. Hayes  
Environmental Department Manager  
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APPENDIX F Description of Terms and Acronyms

## EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with our Proposal PEQ237257 dated June 16, 2023, and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Kyle E. Hayes, Environmental Professional. Darryl Williams performed the site reconnaissance on July 17, 2023.

### Findings and Opinions

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

#### Site Description and Use

The site is located on the south side of the intersection of Tree Farm Road and North County Road 225 in Alachua, Alachua County, Florida and consists of an approximately 10,000 square foot area located on the northern portion of a larger parent tract parcel which encompasses a 181.16-acre area of land that is further identified by the Alachua County Property Appraiser's office as Parcel ID 07605-000-000. The site is currently undeveloped land.

#### Historical Information

Based on a review of the historical information, the site and surrounding properties have been predominately undeveloped, wooded silviculture land since at least 1937 until they were cleared in 2021. Recognized Environmental Conditions (RECs) associated with the site were not identified through a review of available historical resources.

#### Records Review

Applicable federal and state/tribal environmental regulatory databases were reviewed for the site and surrounding properties within the specified search distances outlined in ASTM E1527-21, as well as responses from state and local regulatory agency inquiries. The site was not listed in the environmental database. However, the database identified one (1) Storage Tank/Contaminated Site (STCS) within the ASTM specified search distances. Based on distance and/or topographic gradient relative to the site, this facility does not constitute a REC associated with the site.

#### Site Reconnaissance

The site was observed as undeveloped, wooded land and no indication of RECs were identified during the site reconnaissance.

## Adjoining Properties

The site's immediate vicinity is surrounded by undeveloped, wooded land to the north, west, east and south. No indication of RECs associated with the site due to current and/or former off-site operations were identified.

## Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E1527-21 at NXFL-358 located off North County Road 225 in Alachua, Alachua County, Florida, the site. RECs, Controlled RECs (CRECs) and/or Significant Data Gaps (SDGs) were not identified in connection with the site.

## Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon did not identify RECs, CRECs, or SDGs in connection with the site. As such, no additional investigation is warranted at this time.

# 1.0 INTRODUCTION

## 1.1 Site Description

Site Name	Proposed Telecommunication Tower Site NXFL-358
Site Location/Address	South of the intersection of Tree Farm Road and North County Road 225, Alachua, Alachua County, Florida
Land Area	Approximately 10,000-sf of a larger 181.16-acre parcel
Site Improvements	None
Anticipated Future Site Use	Redevelop with a telecommunications compound
Reason for the ESA	Ground Lease

The location of the site is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. The site and adjoining properties are depicted on the Site Diagram, which is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix G.

## 1.2 Scope of Services

This Phase I ESA was performed in accordance with our Proposal PEQ237257 dated June 16, 2023, and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. Recognized environmental conditions are defined by ASTM E1527-21 as “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.” A de minimis condition is not a recognized environmental condition.

This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews (including local government inquiries, as applicable), and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.



### 1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

### 1.4 Additional Scope Limitations, ASTM Deviations, and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e., evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- An open records request email was sent on July 18, 2023, requesting environmental records for the site on file with the Alachua County Health Department. A response from has not been received by the writing of this report. Based on other information reviewed during the completion of this report, the absence of this information is not deemed significant.
- At the issuance of this report, an interview with the site owner was not performed. The inability to interview the site owner represents a data gap for this report, however it is not considered a significant data gap

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances, petroleum products or PFAS compounds may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

## 1.5 Reliance

This report is prepared for the exclusive use and reliance of NexTower Development Group II, LLC. Use or reliance by any other party is prohibited without the written authorization of NexTower Development Group II, LLC and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-21 Section 4.6. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally

prepared, the third party must also satisfy the user’s responsibilities in Section 6 of ASTM E1527-21.

## 1.6 Client Provided Information

Prior to the site visit, Joel Rousseau, client’s representative, was asked to provide the following user questionnaire information as described in ASTM E1527-21 Section 6.

### Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client’s Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.			X
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			X
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.			X
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.			X
Obvious Indicators of Releases at the site.			X

Terracon’s consideration of the client provided information did not identify RECs. A copy of the questionnaire is included in Appendix C.

## 2.0 PHYSICAL SETTING

Physical Setting Information		Source
<b>Topography</b>		
Site Elevation	Approximately 150 feet above sea level	USGS Topographic Map, Montecocha, Florida, 2021 (Appendix A) and ERIS Physical Setting Report issued July 2023
Topographic Gradient	Northwest	
Closest Surface Water	Retention pond approximately 2,600 feet southeast of the site	

Physical Setting Information		Source
<b>Soil Characteristics</b>		
Soil Type	Zolfo sand	Alachua County, FL USDA-NRCS Web Soil Survey, issued July 2023 and ERIS Physical Setting Report issued July 2023
Description	The Zolfo sand component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. The natural drainage class is somewhat poorly drained. This soil does not meet hydric criteria.	
<b>Geology/Hydrogeology</b>		
Formation	TQu – Undifferentiated sediments	Geologic Map of the State of Florida T.M. Scott, K.M. Campbell, F.R. Rupert, J.D. Arthur, T.M. Missimer, J.M. Lloyd, J.W. Yon, and J.G. Duncan, Florida Geological Survey, 2001 & Text to Accompany the Geologic Map of Florida, T. M Scott, Florida
Description	Much of Florida's surface is covered by a varying thickness of undifferentiated sediments consisting of siliciclastics, organics and freshwater carbonates.	
Estimated Depth to First Occurrence of Groundwater	Approximately 8-12 feet bgs	Based on local area knowledge and experience
*Hydrogeologic Gradient	Northwest	Based on topographic gradient

*\* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.*

### 3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.

### 3.1 Historical Topographic Maps, Aerial Photographs, and Sanborn Maps

Readily available historical USGS topographic maps and selected historical aerial photographs (at approximately 10-to-15-year intervals) were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from ERIS to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- Topographic maps: Montechoa, Florida published in **1966, 1993, 2015** and **2021** (1:2,000)
- Aerial photographs: Agricultural Stabilization and Conservation Service (ASCS), published in **1937, 1949, 1957** and **1974** (1:500)
- Aerial photographs: United States Geological Survey (USGS), published in **1964, 1987, 1995** and **1999** (1:500)
- Aerial photograph: Florida Department of Transportation (FDOT), published in **1982** (1:500)
- Aerial photographs: United States Department of Agriculture (USDA), published in **2005, 2006, 2007, 2010, 2013, 2015, 2017, 2019** and **2021** (1:500)
- Aerial photograph: Maxar Technologies, published in **2022** (1:500)
- Sanborn Fire Insurance Map(s): **Not available**

#### Historical Maps and Aerial Photographs

Direction	Description
Site	Undeveloped, wooded land (1937-2019), cleared land (2021-2023)
North	Undeveloped, wooded land (1937-2019), cleared land (2021-2023)
East	Undeveloped, wooded land (1937-2019), cleared land (2021-2023)
South	Undeveloped, wooded land (1937-2019), cleared land (2021-2023)
West	Undeveloped, wooded land (1937-2019), cleared land (2021-2023)

### 3.2 Historical City Directories

The ERIS city directories used in this study were made available through Polks (selected years reviewed: 1925-1996), Millers (1942-1951) and Digital Business Directory (2000-2022) and were reviewed at approximate five-year intervals, if readily available. Street listings were not available prior to 2008. The current street address for the site was identified as 0 North County Road 225.

#### Historical City Directories

Direction	Description
Site	<b>0 North CR 225:</b> No listings
North	<b>0 North CR 225:</b> No listings
East	<b>0 North CR 225:</b> No listings
South	<b>0 North CR 225:</b> No listings
West	<b>0 North CR 225:</b> No listings

### 3.3 Site Ownership

Based on a review of information obtained from Alachua County Property Appraiser’s records, the current site owner is Rayonier Forest Resources, LP, which purchased the site in 2000. Previous owners include Jefferson Smurfit Corporation (1999-2000). No additional ownership information was available prior to 1999.

### 3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

### 3.5 Environmental Liens and Activity and Use Limitations

The ERIS regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site was not listed on the EC or IC databases. Please note that in addition to these federal and state listings, AULs can be recorded at the county and municipal level that may not be listed in the regulatory database report. Environmental lien and activity and use limitation records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

### **3.6 Interviews Regarding Current and Historical Site Uses**

Terracon was unable to accomplish an interview with current site owners as of the time of this writing. Based on the review of available historical documents during this investigation, it is not believed the owner interview will provide substantial information to change the findings of this report. As such, the absence of an owner interview is not deemed significant.

### **3.7 Prior Report Review**

Terracon requested the client provide any previous environmental reports they are aware of for the site. No prior reports were provided by the client to Terracon for review.

## **4.0 RECORDS REVIEW**

Regulatory database information was provided by ERIS, a contract information services company in a report dated Database Report Date. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated. The scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient, and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

### **4.1 Federal and State/Tribal Databases**

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

### Federal Databases

Database	Description	Distance (miles)	Listings
CERC	Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS	0.5	
CERL	CERCLIS Liens	Site	
CNFR	CERCLIS - No Further Remedial Action Planned	0.5	
EC	Federal Engineering Controls-ECs	0.5	
ERN1	Emergency Response Notification System	Site	
ERN2	Emergency Response Notification System	Site	
ERNS	Emergency Response Notification System	Site	
FBFL	The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database	0.5	
FRS	Facility Registry Service/Facility Index	Site	
HMIR	Hazardous Materials Information Reporting System	0.10	
HTSC	Hist TSCA	0.10	
IC	Federal Institutional Controls- ICs	0.5	
IODI	EPA Report on the Status of Open Dumps on Indian Lands	0.5	
NCDL	National Clandestine Drug Labs	Site	
NPL	National Priority List	1	
NPLD	Delisted NPL	0.5	
NPLP	National Priority List - Proposed	1	
ODI	Inventory of Open Dumps, June 1985	0.5	
RCOR	RCRA CORRACTS- Corrective Action	1	
RGEN	RCRA Generator List	0.25	
RNGN	RCRA Non-Generators	0.25	
RTSD	RCRA non-CORRACTS TSD Facilities	0.5	
TRI	Toxics Release Inventory (TRI) Program	Site	
TSCA	Toxic Substances Control Act	0.10	



### State/Tribal Databases

Database	Description	Distance (miles)	Listings
AST	Aboveground Storage Tanks	0.25	
BFLA	Brownfield Areas	0.5	
BFLD	Brownfield Sites	0.5	
CS	Contaminated Sites	0.5	
DCS	Delisted Contaminated Sites	0.5	
DDRC	Delisted Dry Cleaning Facilities	0.25	
DLST	Delisted Leaking Tanks	0.5	
DRYC	Dry Cleaning Facilities	0.25	
DST	Delisted AST UST Storage Tanks	0.25	
DTNK	Delisted Storage Tanks	0.25	
ENG	Engineering Controls	0.5	
FFTA	Federal Facilities Listing	0.25	
ILST	Leaking Underground Storage Tanks (LUSTs) on Indian Land	0.5	
INST	Institutional Controls Registry	0.5	
IUST	Underground Storage Tanks (USTs) on Indian Lands	0.25	
LST	Leaking Tanks	0.5	
PRL	Priority Ranking List	0.5	
SHWS	Florida's State-Funded Action Sites	1	
SPL	Oil and Hazardous Materials Incidents	0.10	
STCS	Storage Tank/Contaminated Facility Search	0.5	1
SWF	Solid Waste Facilities and Landfills	0.5	
TANK	Storage Tank Facilities	0.25	
UIC	Underground Injection Control Wells	Site	
UST	Underground Storage Tanks	0.25	
VCP	Voluntary Cleanup Sites	0.5	

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the site.

#### Listed Facilities

Facility Name and Location	Estimated Distance / Direction/Gradient	Database Listings	Findings Summary
AYR Wellness 18770 North CR 225	Approximately 2,500-ft / north / down-gradient	STCS	Not a REC, based on distance and regulatory status

Based on distance and/or topographic gradient relative to the site, the listed facility does not constitute a REC associated with the site. Terracon did not identify RECs in the regulatory review or local agency inquiries.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed four facilities in the unmapped section and is included in the database report in Appendix D.

## 4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Florida Department of Environmental Protection (FDEP) Roxanne Smith <a href="mailto:Roxanne.m.smith@floridadep.gov">Roxanne.m.smith@floridadep.gov</a>	An open records request email was sent on July 18, 2023, requesting environmental records for the site on file with FDEP. Roxanne Smith responded the next day stating the FDEP did not have any listings for the site or surrounding area.
Alachua County Health Department (ACHD) <a href="mailto:Webinfoalachua@flhealth.gov">Webinfoalachua@flhealth.gov</a>	An open records request email was sent on July 18, 2023, requesting environmental records for the site on file with the ACHD. At the issuance of this report no response has been received.

Agency Contacted/ Contact Method	Response
Alachua County Fire Rescue Records Request (ACFR)  <a href="mailto:Jadler@alachuacounty.us">Jadler@alachuacounty.us</a>	An open records request email was sent on July 18, 2023, requesting environmental records for the site on file with the Jacksonville Fire and Rescue Department. John Adler, Fire Marshal, responded on July 24, 2023 stating the ACFR did not have any listings for the site or surrounding area.

An open records request email was sent on July 18, 2023, requesting environmental records for the site on file with the Alachua County Health Department. A response from has not been received by the writing of this report. Based on other information reviewed during the completion of this report, the absence of this information is not deemed significant.

## 5.0 SITE RECONNAISSANCE

### 5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. The site and adjoining properties are depicted on the Site Diagram, which is included in Exhibit 2 of Appendix A. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

#### General Site Information

Site Reconnaissance	
Field Personnel	Darryl Williams
Reconnaissance Date	July 17, 2023
Weather Conditions	90° F and Sunny
Site Contact/Title	Joel Rousseau / NexTower

### 5.2 Overview of Current Site Occupants

The site consisted of undeveloped land.

### 5.3 Overview of Current Site Operations

No onsite operations were observed.

## 5.4 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an “X”) are discussed in more detail following the table.

<b>Site Characteristics</b>		
<b>Category</b>	<b>Item or Feature</b>	<b>Observed or Identified</b>
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
Oil, gas, or mineral production		
Other processes or equipment		
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels, and/or containers ≥ 5 gallons	
	MSDS or SDS	
Underground Chemical or Waste Storage,	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins, and/or dry wells	

Category	Item or Feature	Observed or Identified
Drainage or Collection Systems	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/PCBs	Transformers and/or capacitors	
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris, and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free-floating product	
	Strong, pungent, or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	

None of the above listed features were observed on site.

## 6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

### Adjoining Properties

Direction	Description
North	Undeveloped land
East	Undeveloped land
South	Undeveloped land
West	Undeveloped land

RECs associated with the site originating from off-site locations were not identified.

## 7.0 ADDITIONAL SERVICES

Based on the physical setting of the site, historical use and regulatory records review, vapor encroachment condition (VECs) are not likely to exist. Additionally, the site is located in an area designated as Zone 2, an area where indoor radon concentrations are expected to be between 2 and 4 picoCuries of radon per liter of air (pCi/l). The USEPA has established an “action level” of 4 pCi/L for radon in residential dwellings. The USEPA has not established an action level for commercial facilities. Radon testing was not conducted as part of the scope of services.

## 8.0 DECLARATION

I, Kyle E. Hayes, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Kyle E. Hayes

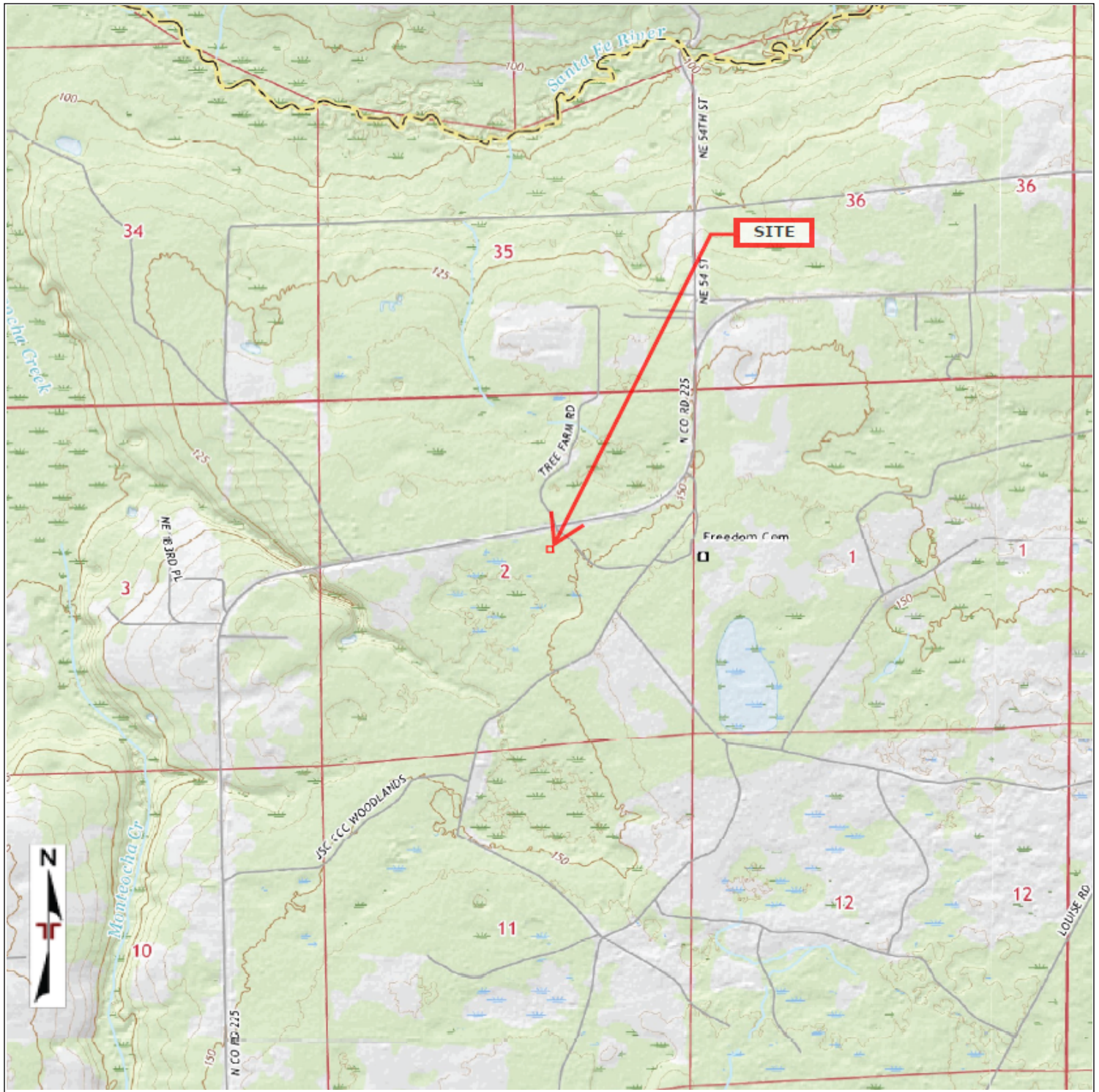
Environmental Department Manager

## **APPENDIX A**

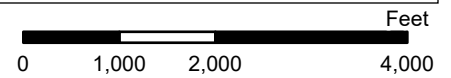
### **EXHIBIT 1: TOPOGRAPHIC MAP**

### **EXHIBIT 2: SITE DIAGRAM**






Site Boundary



Project No.:  
EQ237257A  
Date:  
Jul 2023  
Drawn By:  
CBM  
Reviewed By:  
NK

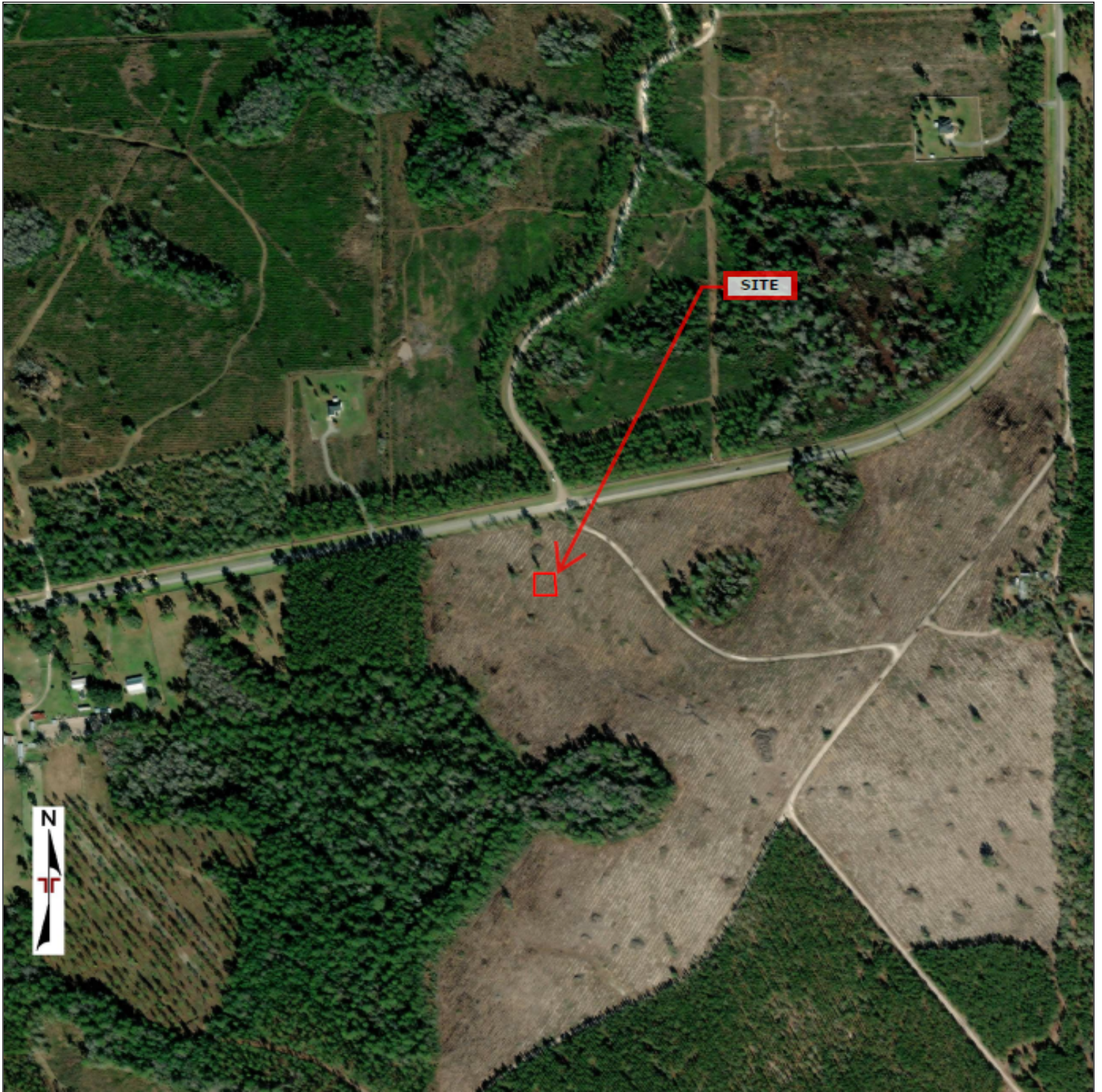


8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256  
PH. (904) 900-6494 terracon.com

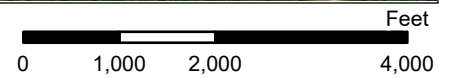
**Topographic Vicinity Map**  
Phase I Environmental Site Assessment  
Proposed NXFL-358  
South of the intersection of Tree Farm Road  
and North CR 225  
Alachua, Alachua County, FL32609

**Exhibit**  
  
**1**






Site Boundary



Project No.:  
EQ237257A  
Date:  
Jul 2023  
Drawn By:  
CBM  
Reviewed By:  
NK



8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256  
PH. (904) 900-6494 terracon.com

**Site Diagram**  
Phase I Environmental Site Assessment  
Proposed NXFL-358  
South of the intersection of Tree Farm Road  
and North CR 225  
Alachua, Alachua County, FL32609

**Exhibit**  
  
**2**

## **APPENDIX B**

# **SITE PHOTOGRAPHS**





Photo 1 View to the north.



Photo 2 View to the south.



Photo 3 View to the east.



Photo 4 View to the west.

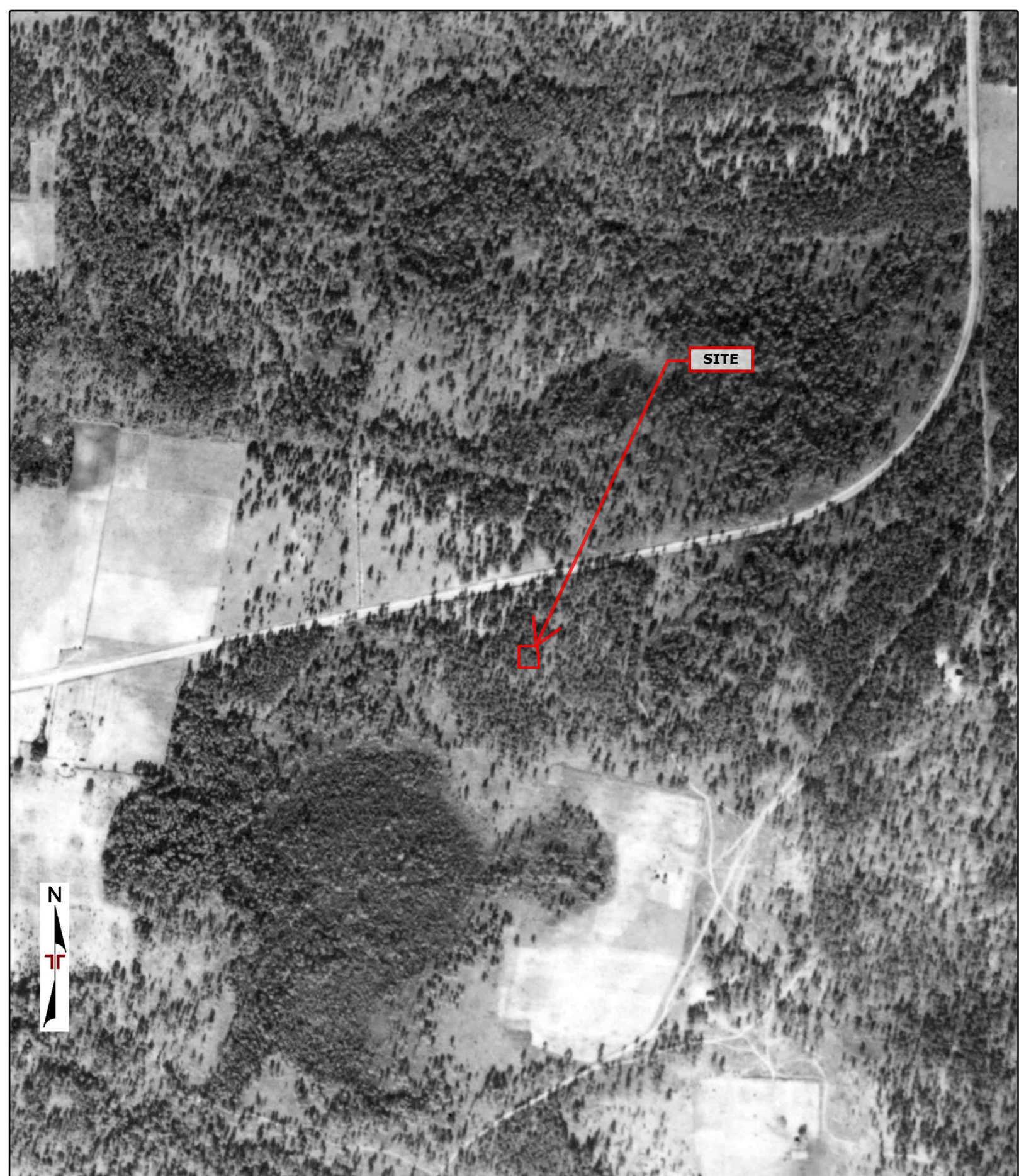


Photo 5 Site location marker.

# **APPENDIX C**


## **HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE**



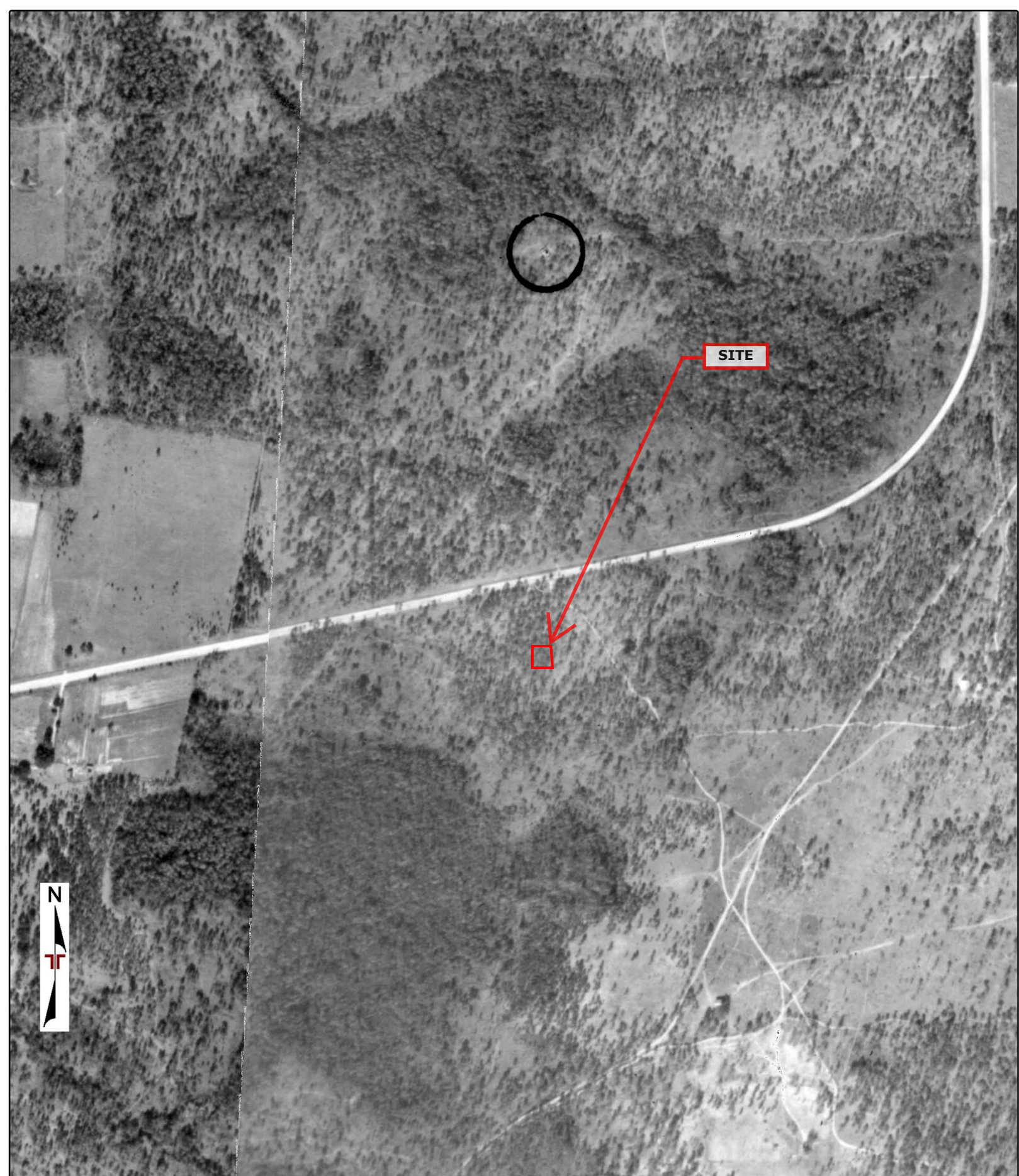


**SITE**



Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (1937 - ASCS)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	





**SITE**



Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14



8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

**AERIAL PHOTO (1949 - ASCS)**

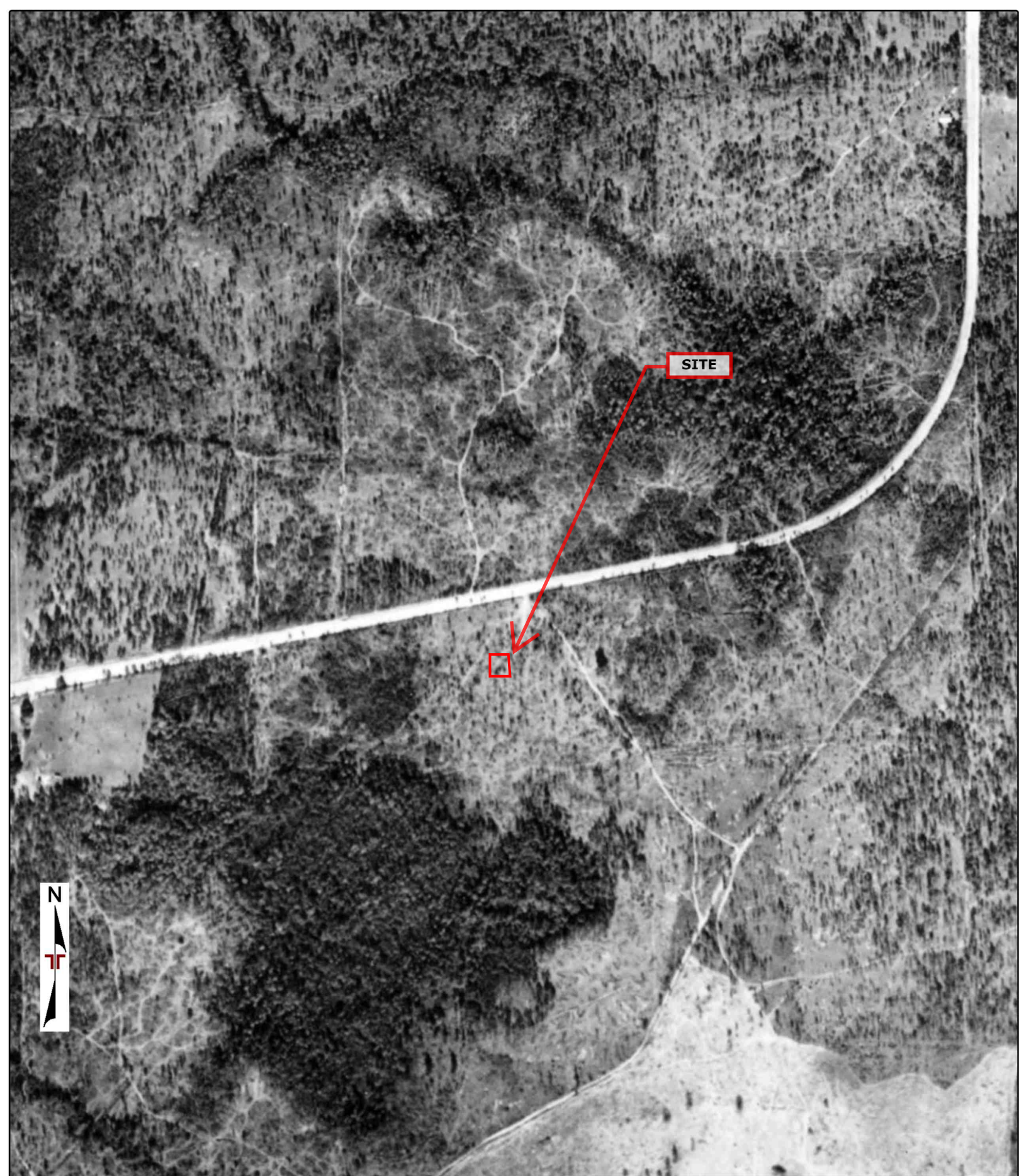
NXFL-358

South of the intersection of Tree Farm Road and North County Road 225  
Alachua, Florida 32609

Appendix

**C**





**SITE**



Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14



8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

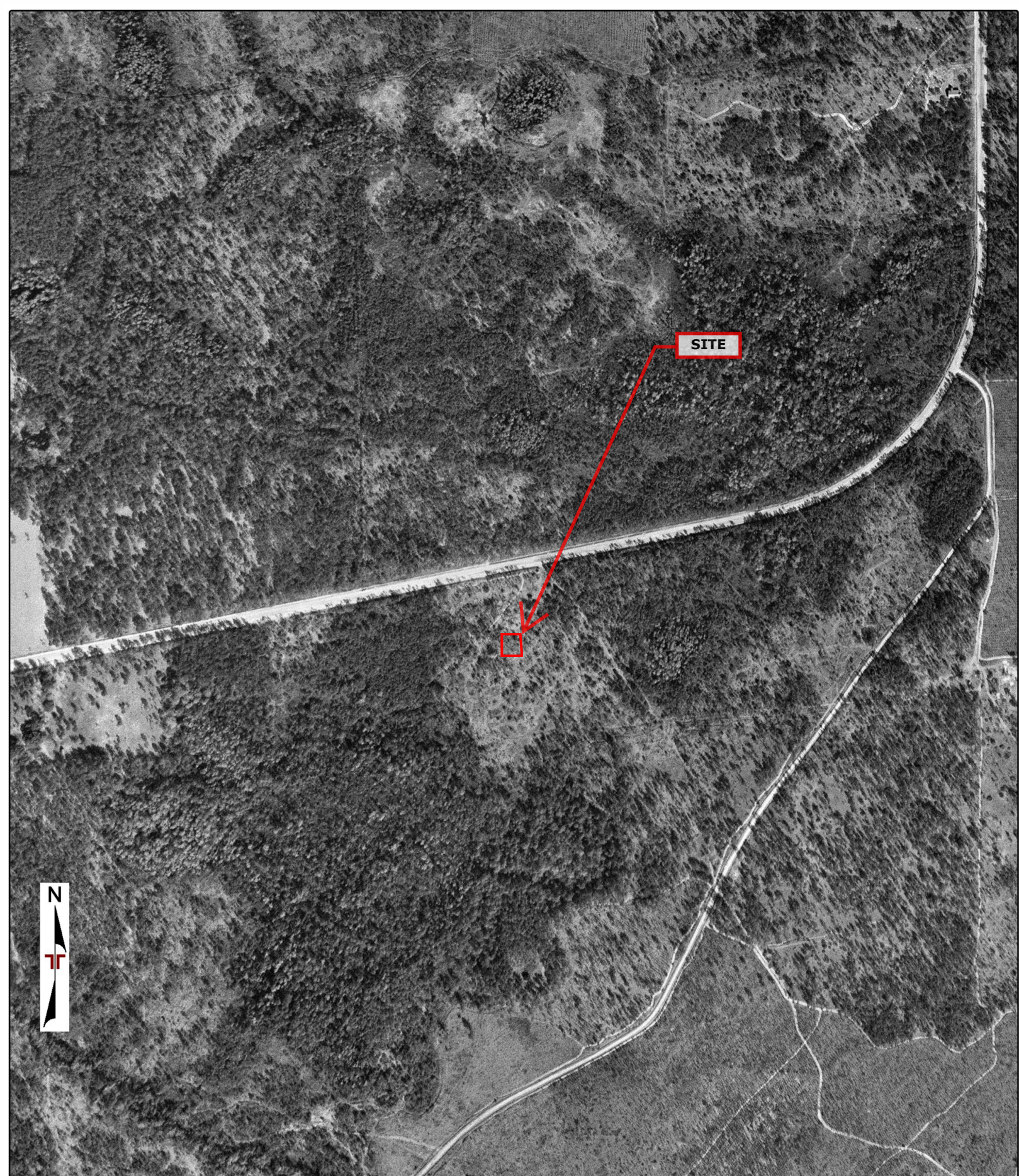
AERIAL PHOTO (1957 - ASCS)


NXFL-358  
South of the intersection of Tree Farm Road and North County Road 225  
Alachua, Florida 32609

Appendix

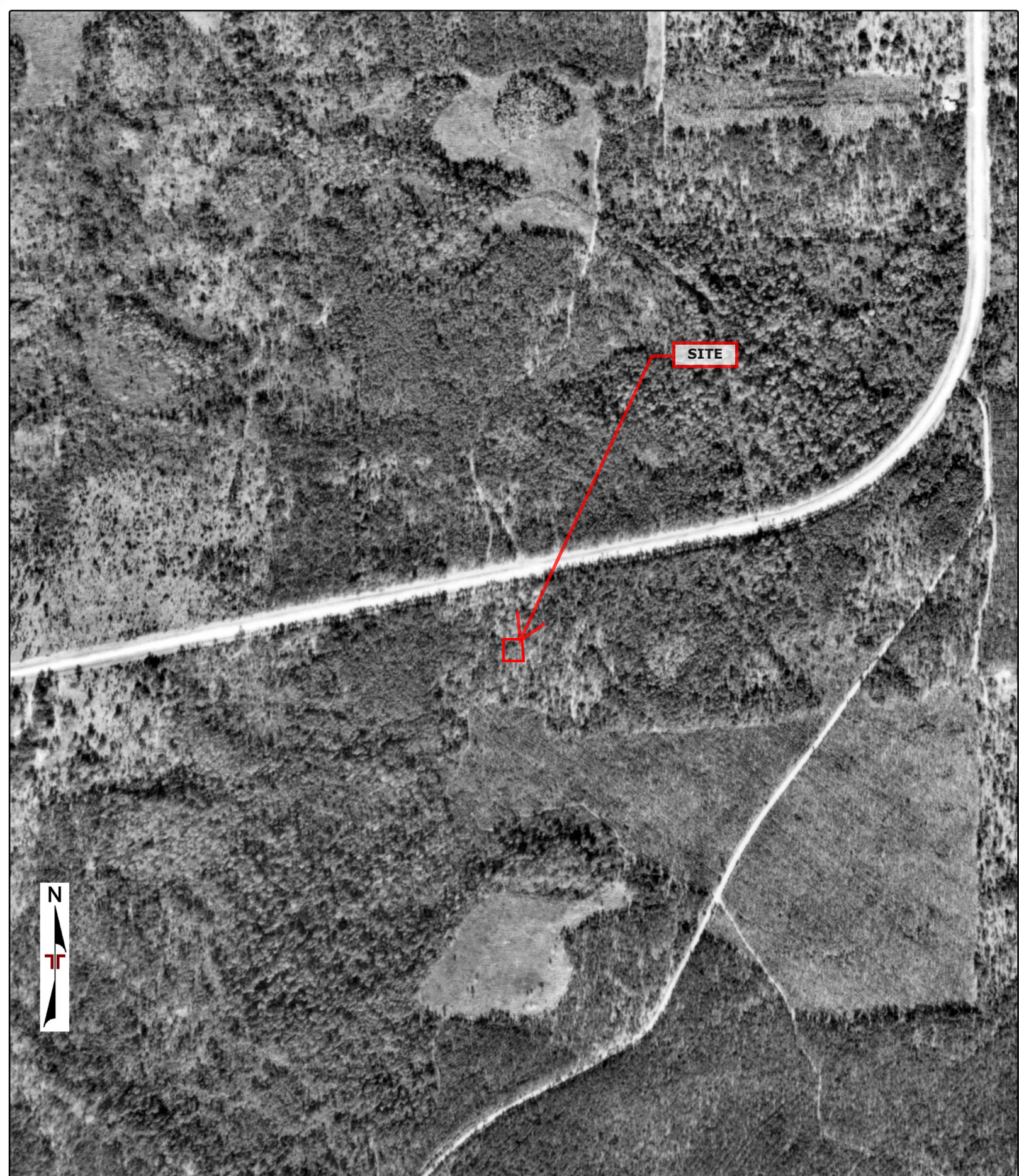
**C**






Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (1964 - USGS)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
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Approved by:	Date: 2023-07-14		Alachua, Florida 32609	



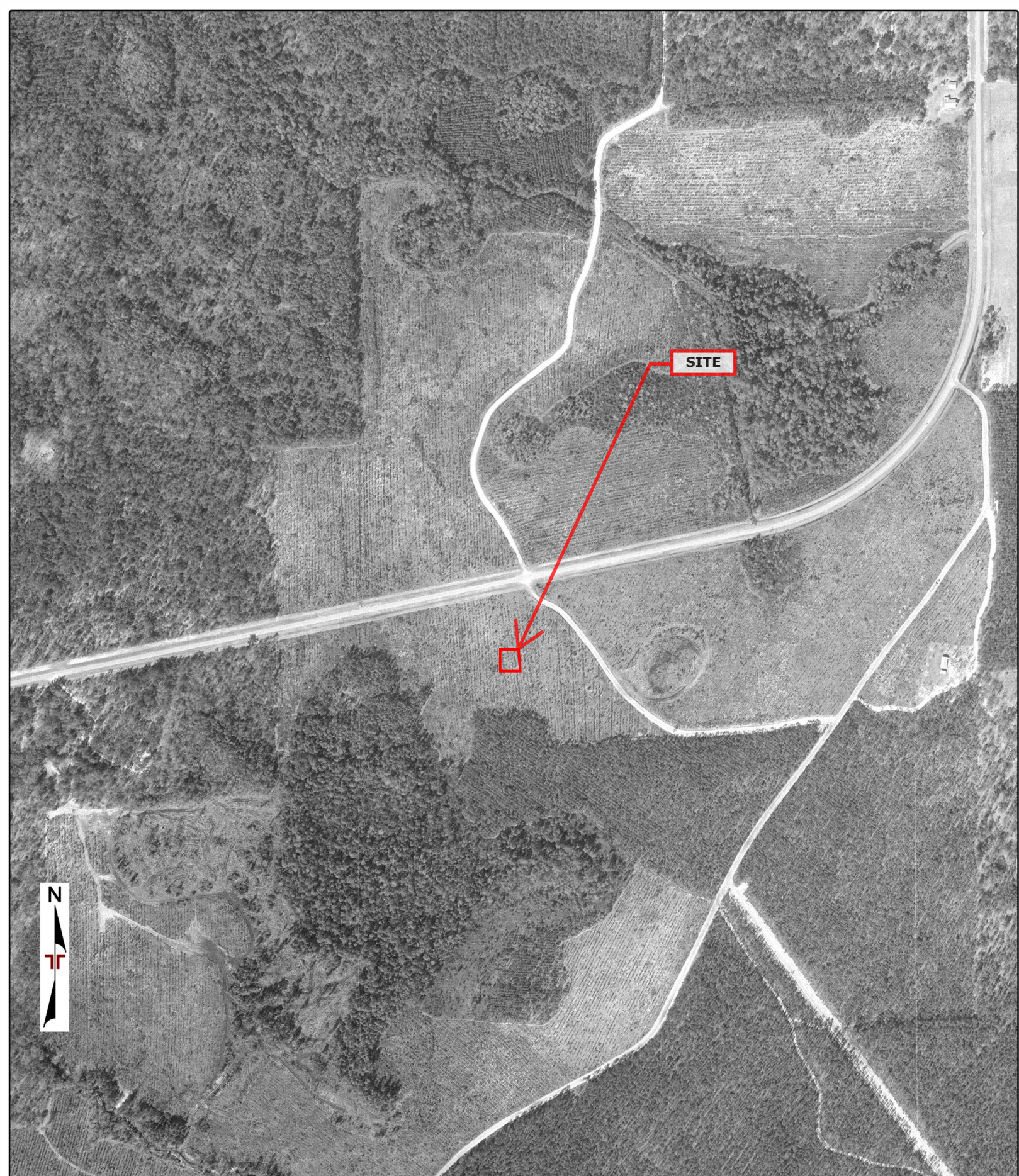


**SITE**




Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (1974 - ASCS)	Appendix
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Approved by:	Date: 2023-07-14		Alachua, Florida 32609	



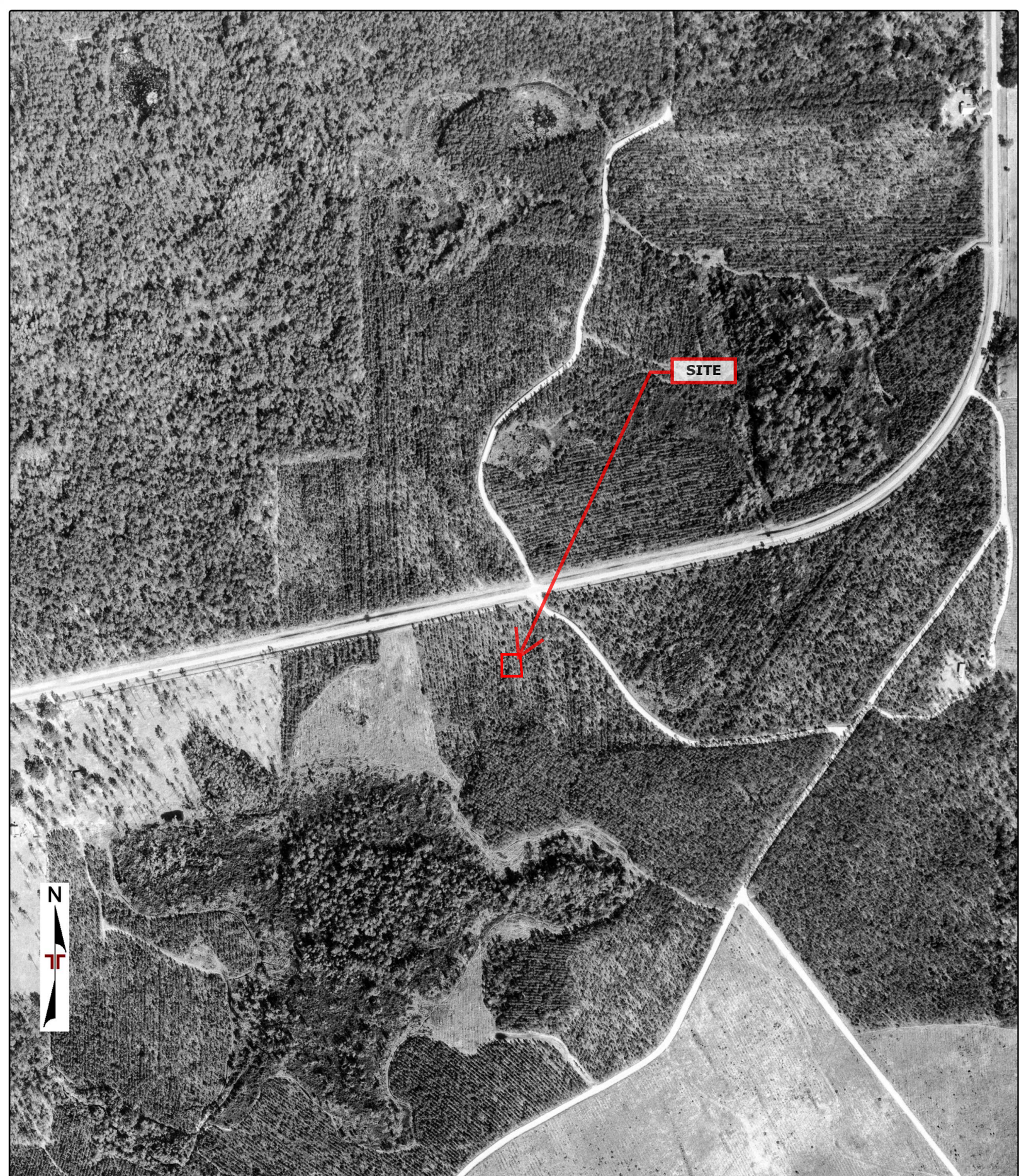


**SITE**



Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (1982 - FDOT)	Appendix
Drawn by:	Scale: 1" = 500'			NXFL-358
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225 Alachua, Florida 32609	
Approved by:	Date: 2023-07-14			





SITE



Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14



8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

AERIAL PHOTO (1987 - USGS)

NXFL-358

South of the intersection of Tree Farm Road and North County Road 225  
Alachua, Florida 32609

Appendix

C





**SITE**



Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14



8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

AERIAL PHOTO (1995 - USGS)

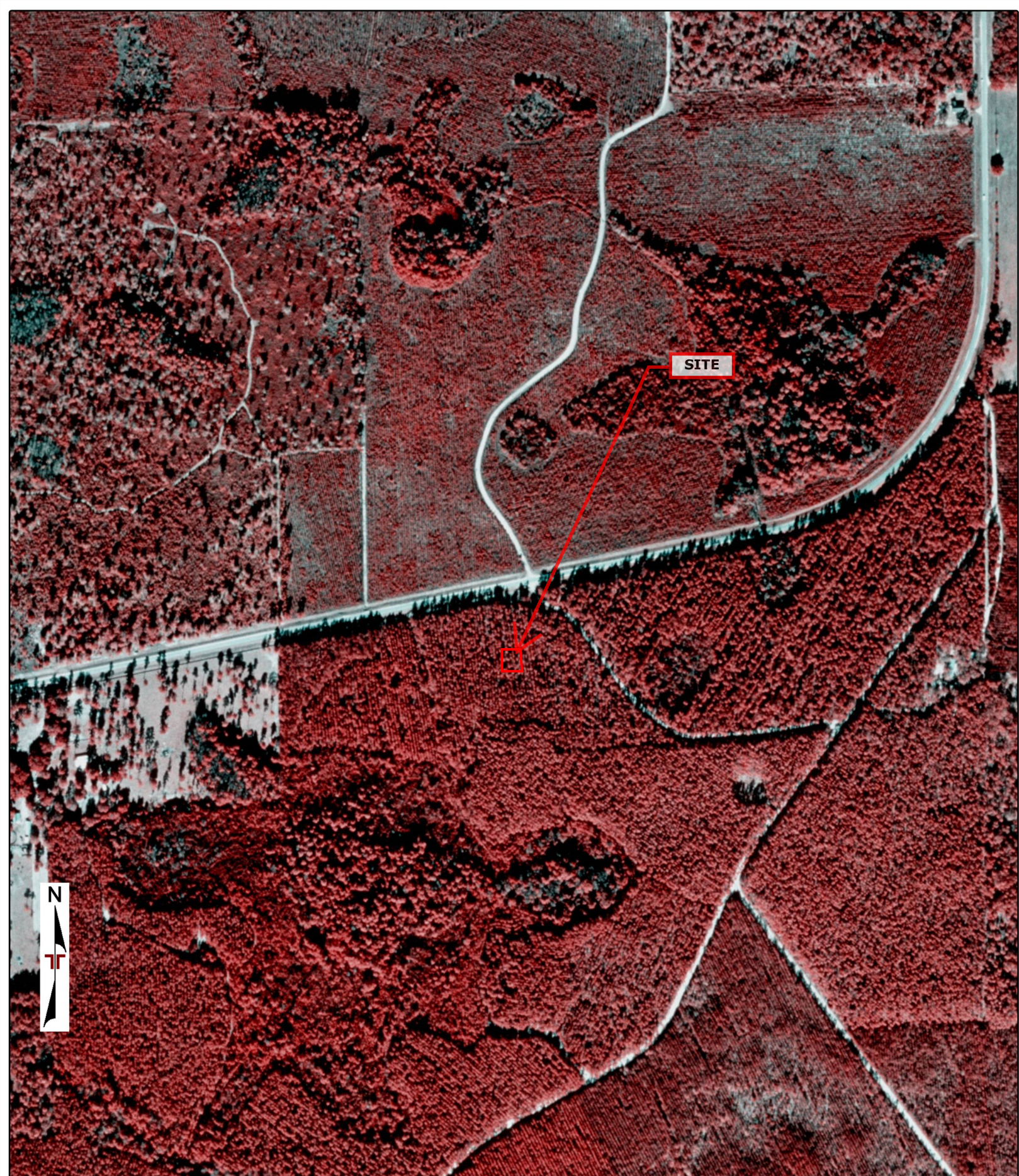
NXFL-358

South of the intersection of Tree Farm Road and North County Road 225  
Alachua, Florida 32609

Appendix


**C**



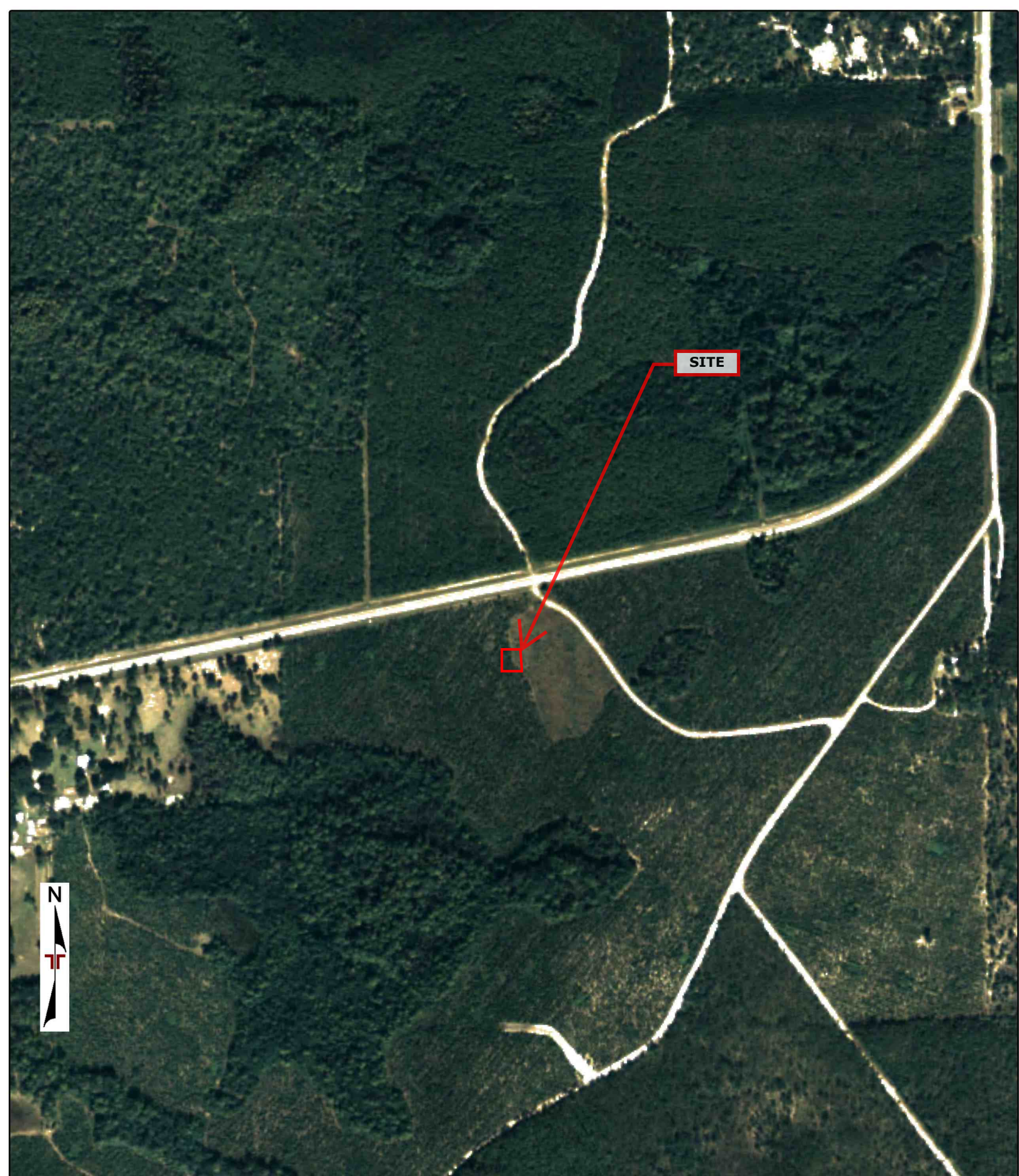


**SITE**




Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (1999 - USGS)	Appendix
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Approved by:	Date: 2023-07-14		Alachua, Florida 32609	



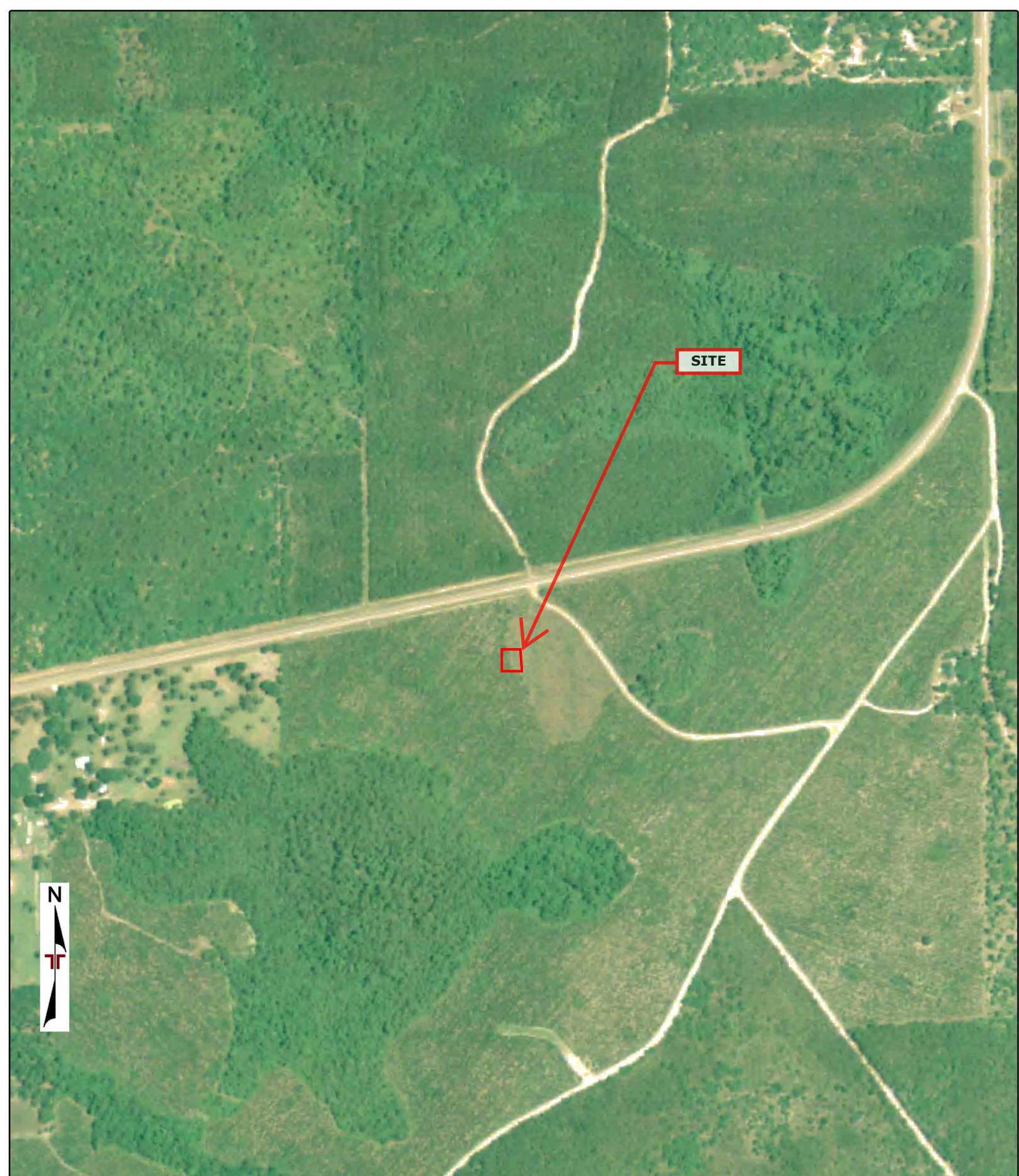


**SITE**




Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2005 - USDA)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	





**SITE**




Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2006 - USDA)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
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Approved by:	Date: 2023-07-14		Alachua, Florida 32609	



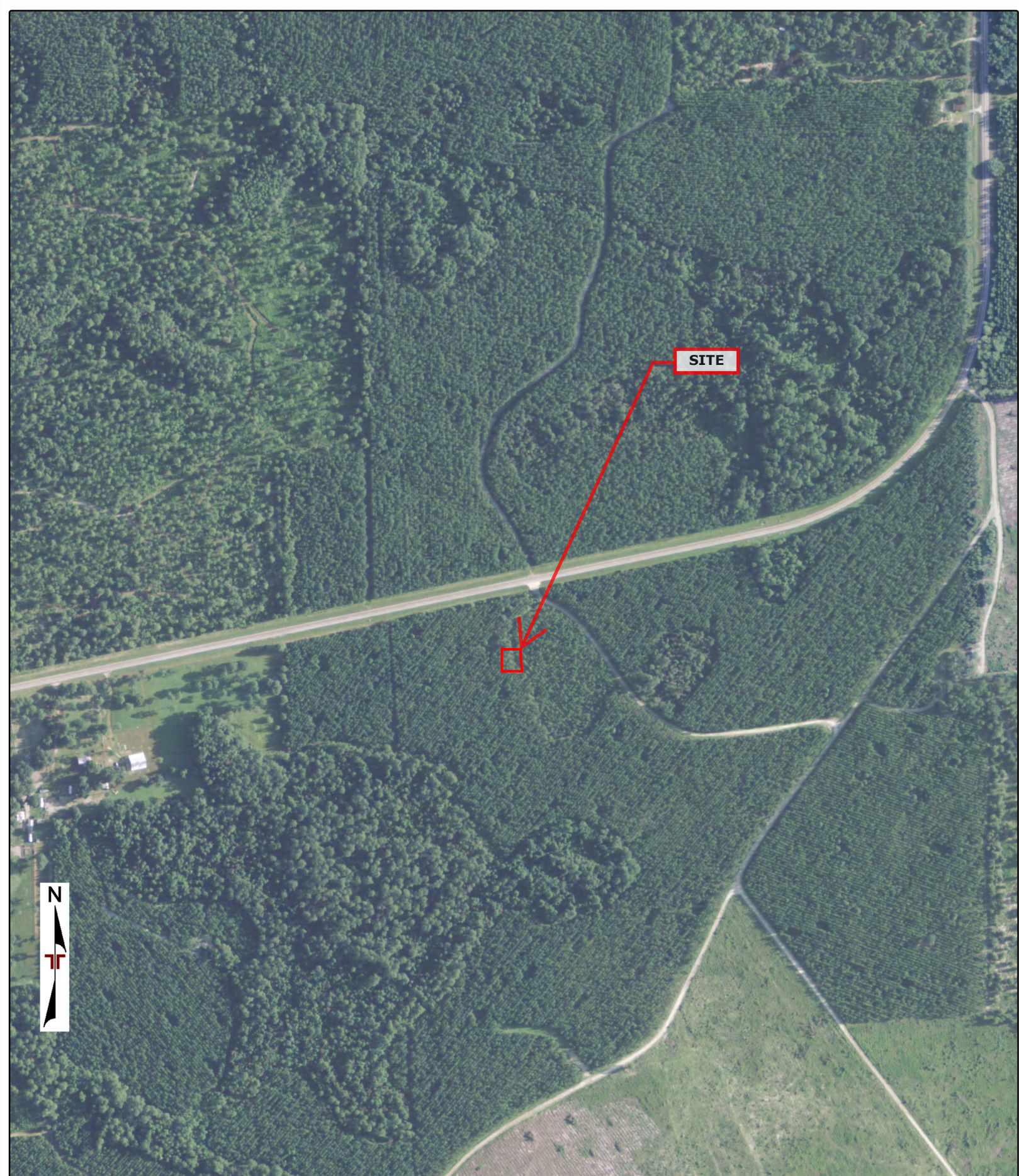



**SITE**



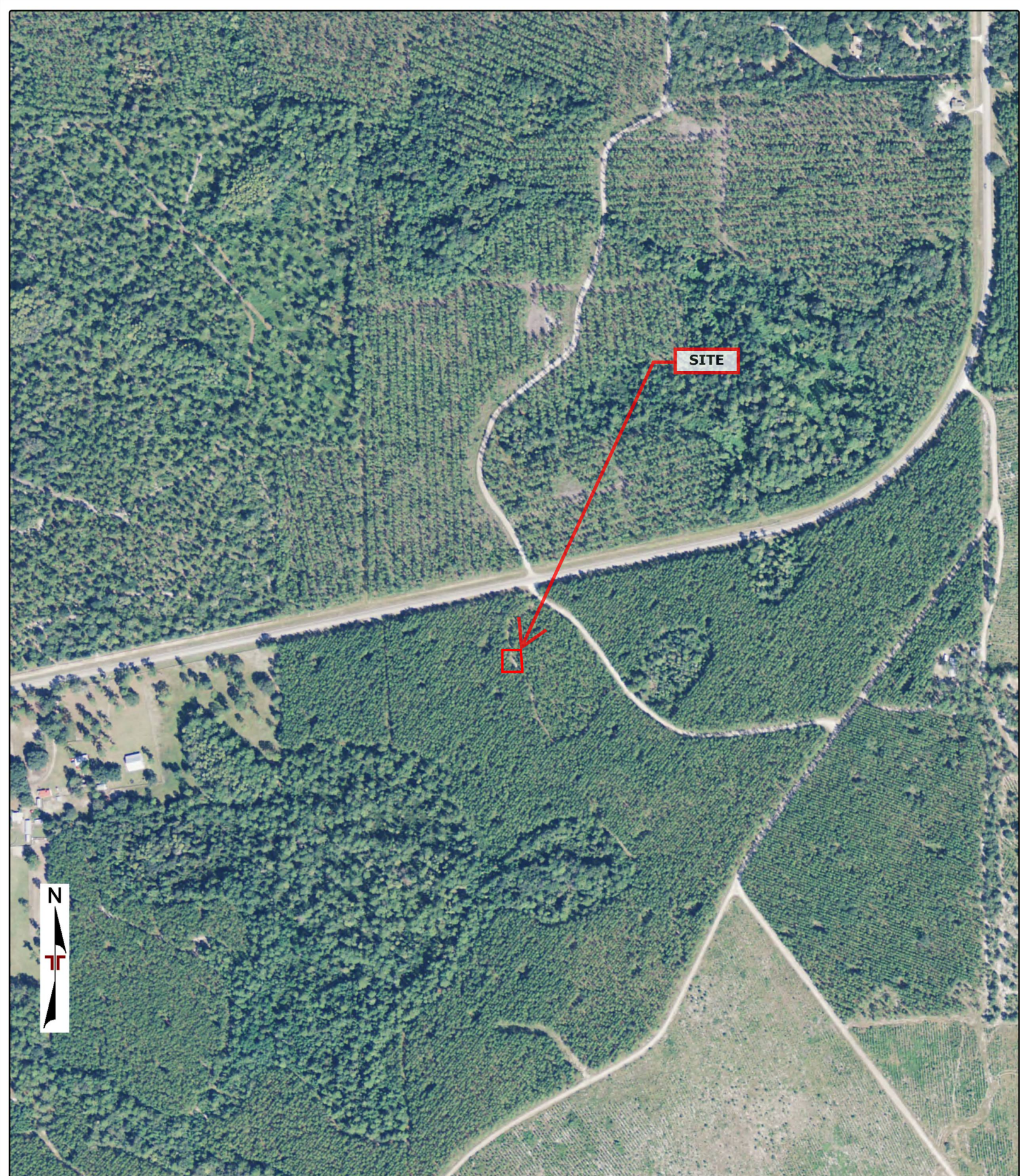
Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2007 - USDA)	Appendix
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Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	






Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2010 - USDA)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	





**SITE**



Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2013 - USDA)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	





**SITE**



Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14



8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

AERIAL PHOTO (2015 - USDA)

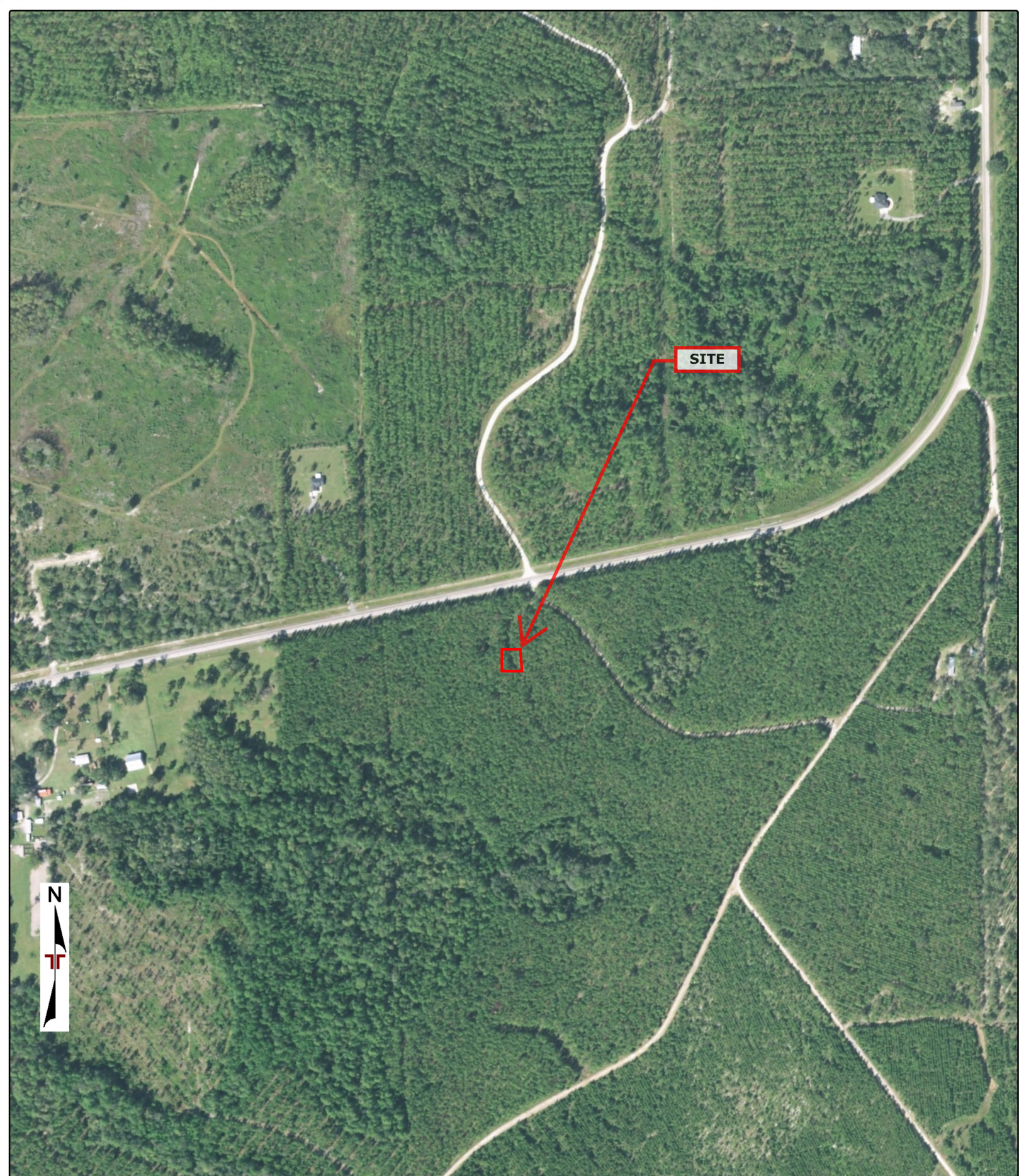
NXFL-358

South of the intersection of Tree Farm Road and North County Road 225  
Alachua, Florida 32609

Appendix

**C**





Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14

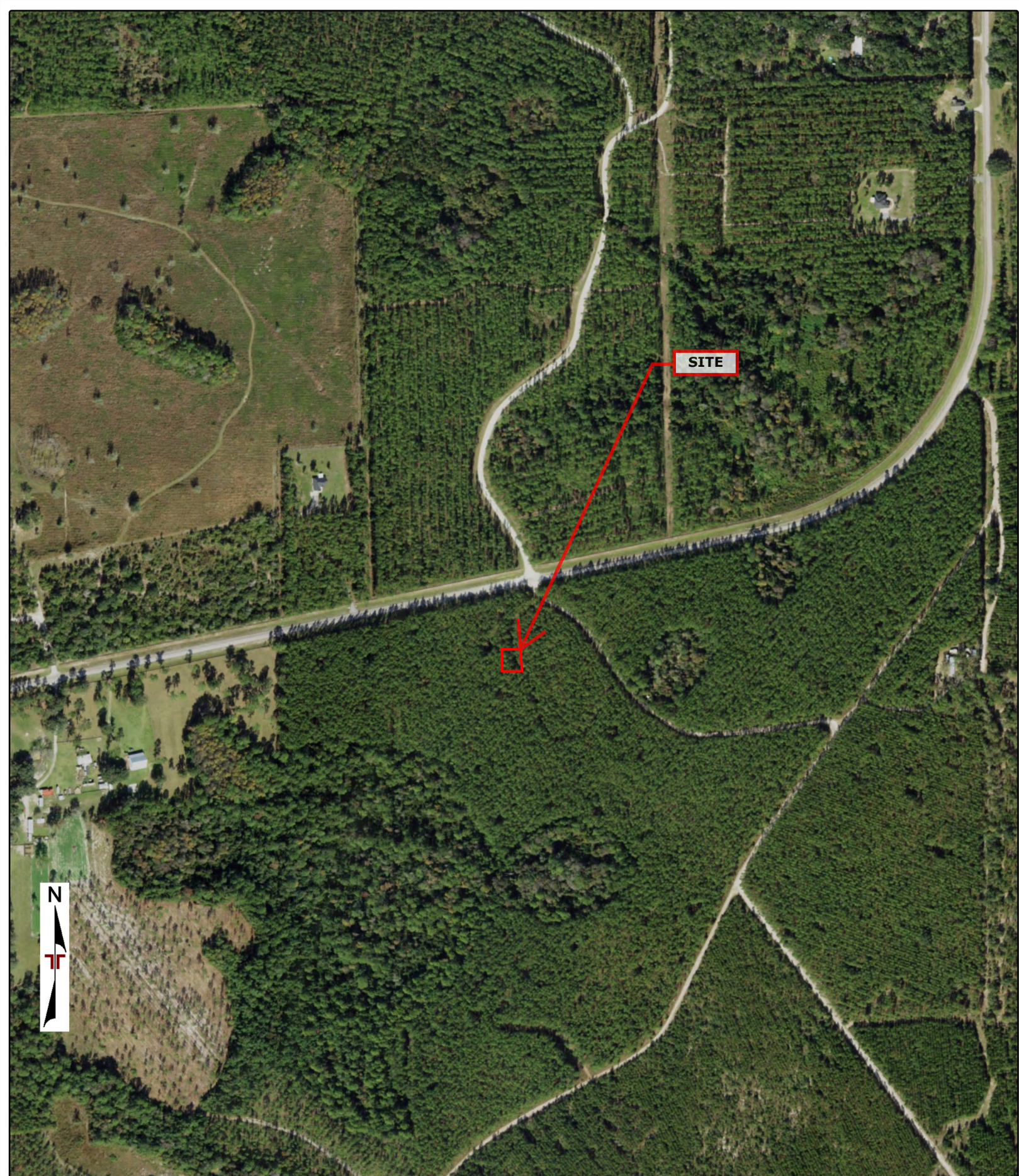


8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

AERIAL PHOTO (2017 - USDA)
NXFL-358
South of the intersection of Tree Farm Road and North County Road 225 Alachua, Florida 32609

Appendix
C





**SITE**



Project Manager:	Project No. EQ237257A
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 23071305890
Approved by:	Date: 2023-07-14

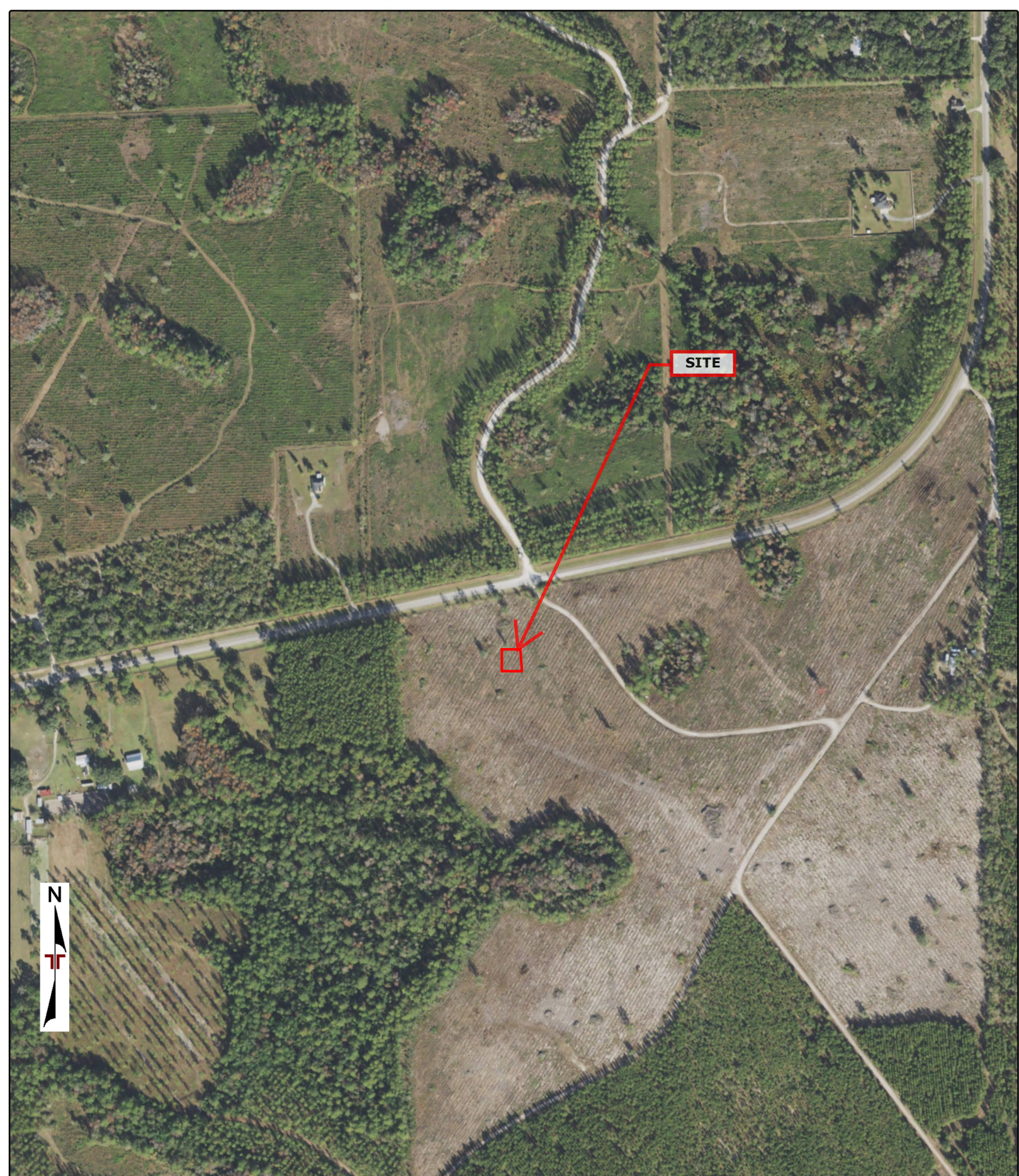


8001 Baymeadows Way, Suite 1  
Jacksonville, Florida 32256

AERIAL PHOTO (2019 - USDA)
NXFL-358
South of the intersection of Tree Farm Road and North County Road 225 Alachua, Florida 32609


Appendix
C





**SITE**




Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2021 - USDA)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	



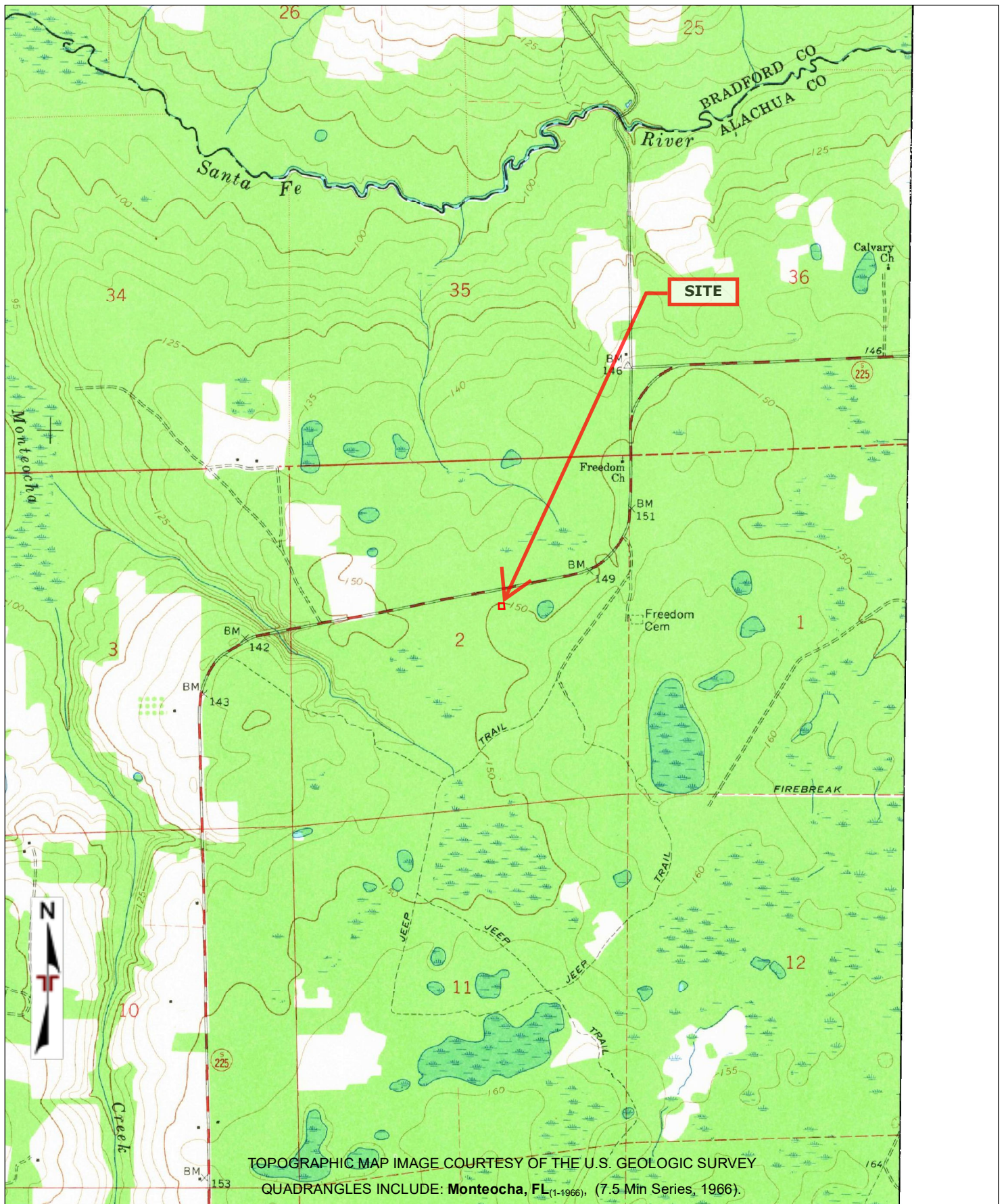



**SITE**



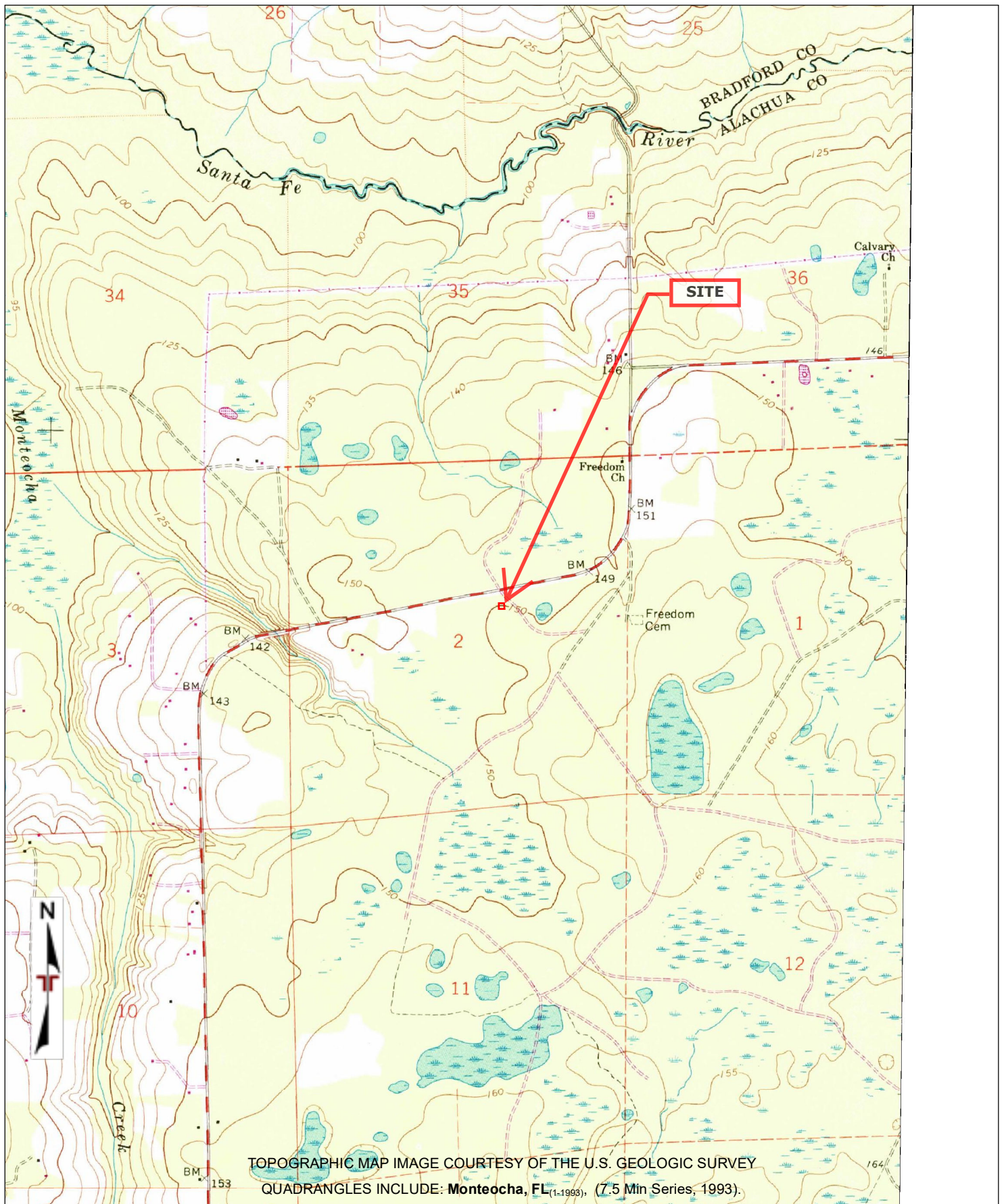
Project Manager:	Project No. EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	AERIAL PHOTO (2022 - MAXAR)	Appendix
Drawn by:	Scale: 1" = 500'		NXFL-358	C
Checked by:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved by:	Date: 2023-07-14		Alachua, Florida 32609	





Project Manager:	Project No: EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	TOPOGRAPHIC MAP (1966)	Appenc
Drawn By:	Scale: 1" = 500'		NXFL-358	C
Checked By:	File Name: 23071305890	South of the intersection of Tree Farm Road and North County Road 225		
Approved By:	Date: 2023-07-14	Alachua, Florida 32609		





Project Manager:	Project No: EQ237257A
Drawn By:	Scale: 1" = 500'
Checked By:	File Name: 23071305890
Approved By:	Date: 2023-07-14

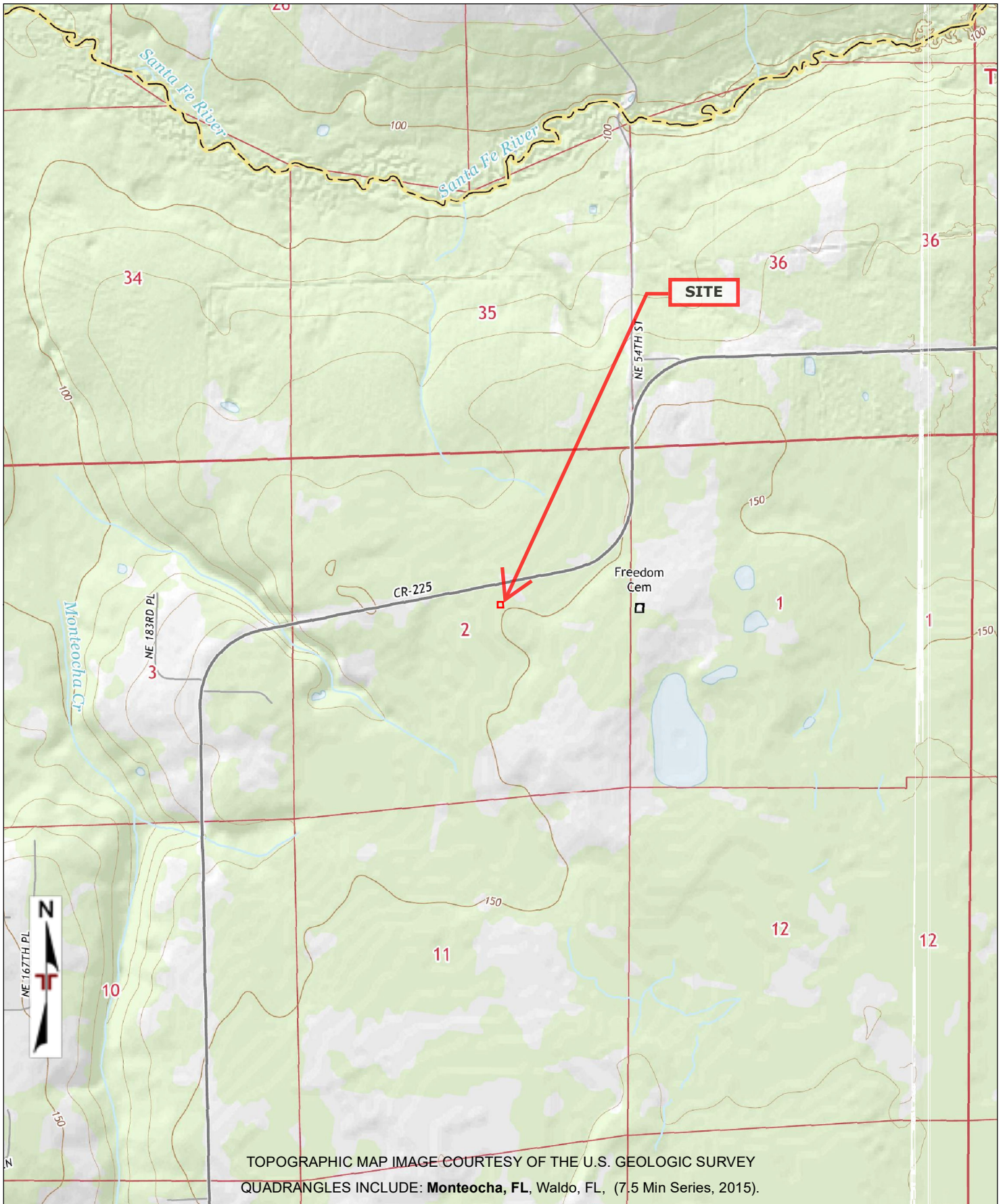



8001 Baymeadows Way, Suite 1  
 Jacksonville, Florida 32256

TOPOGRAPHIC MAP (1993)	Appendix
NXFL-358	
South of the intersection of Tree Farm Road and North County Road 225 Alachua, Florida 32609	

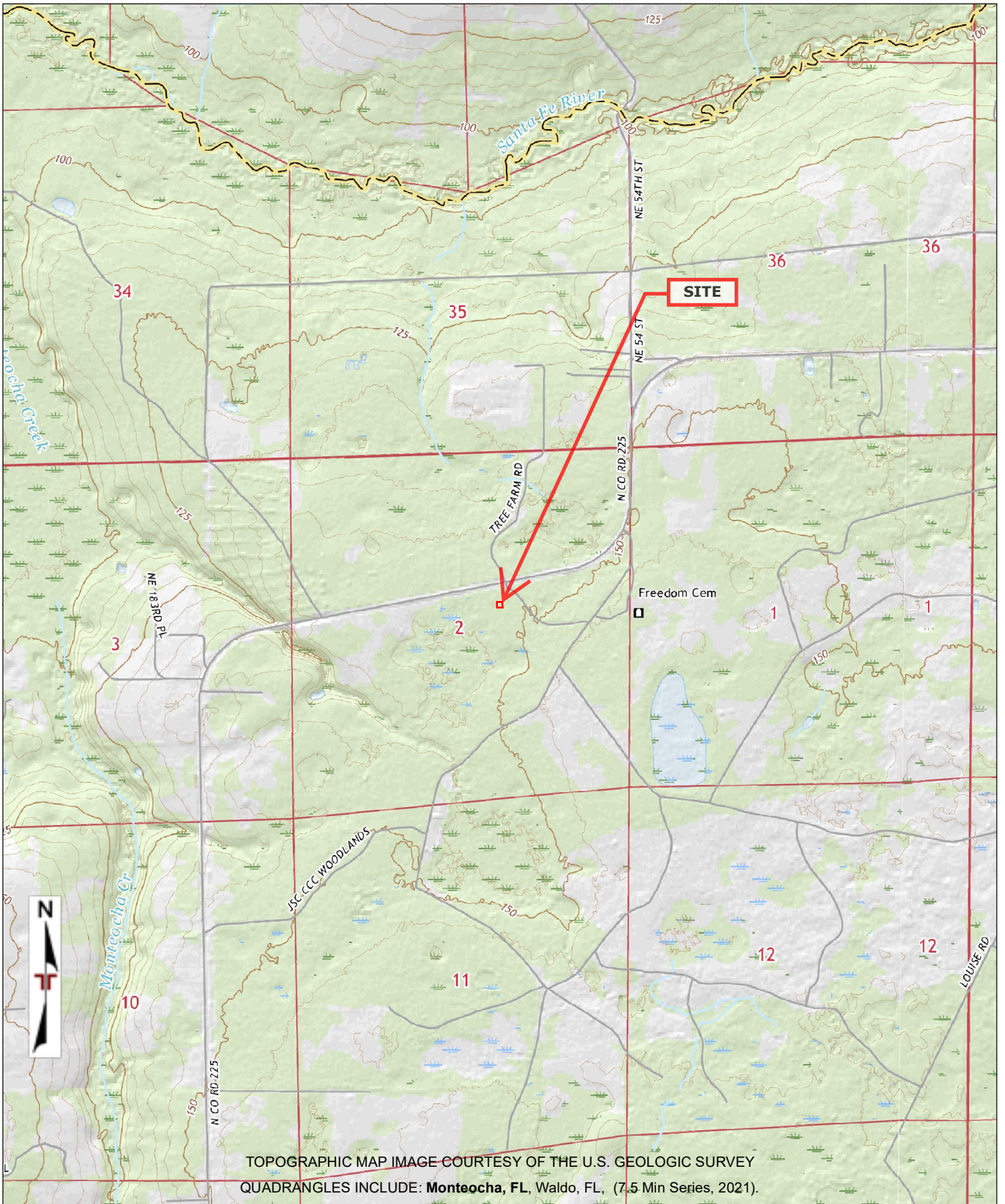
**C**





Project Manager:	Project No: EQ237257A	 8001 Baymeadows Way, Suite 1 Jacksonville, Florida 32256	TOPOGRAPHIC MAP (2015)	Appendix
Drawn By:	Scale: 1" = 500'		NXFL-358	C
Checked By:	File Name: 23071305890		South of the intersection of Tree Farm Road and North County Road 225	
Approved By:	Date: 2023-07-14		Alachua, Florida 32609	





Project Manager:	Project No: EQ237257A
Drawn By:	Scale: 1" = 500'
Checked By:	File Name: 23071305890
Approved By:	Date: 2023-07-14



8001 Baymeadows Way, Suite 1  
 Jacksonville, Florida 32256

TOPOGRAPHIC MAP (2021)

NXFL-358

South of the intersection of Tree Farm Road and North County Road 225  
 Alachua, Florida 32609

Appendix

C





—  
FIRE  
INSURANCE  
MAPS

**Project Property:** NXFL-358  
South of the intersection of Tree Farm Road and North County Road 22  
Alachua FL 32609

**Project No:** EQ237257A

**Requested By:** Terracon

**Order No:** 23071305890

**Date Completed:** July 14, 2023

---

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

# ASTM E1527-21 Required Questionnaire



Date Completed	6-17-2023	
Person Completing Questionnaire	Name: Joel Rousseau Company: Nexttower Development Group II, LLC.	Phone: 352-283-0001 Email: jrousseau@nexttower.net
Site Name	<b>NXFL-358 North Alachua Rawland</b>	
Site Address	located within Alachua County Parcel No. 07605-000-000 at the approximate central coordinates of 29.8261° north latitude, 82.2696° west longitude	
Point of Contact for Access	Name: Same as above Company:	Phone: Email:
Access Restrictions or Special Site Requirements?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please explain)	
Confidentiality Requirements?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (If yes, please explain) Standard non-Disclosure	
Current Site Owner	Name: Rayonier Forest Resources LP Company:	Phone: Email:
Current Site Operator	Name: Ken Rester Company: Rayonier Forest Resources, LP	Phone: 904-548-9014 Email: ken.rester@rayonier.com
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	Leasehold	
Anticipated Future Site Use	Cell Tower (Multi-tenant)	
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents.	
<b>ASTM User Questionnaire</b>		
To qualify for one of the <i>Landowner Liability Protections (LLPs)</i> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the " <i>Brownfields Amendments</i> "), the user must respond to the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The <i>user</i> should provide the following information to the <i>environmental professional</i> . Failure to conduct these inquiries could result in a determination that " <i>all appropriate inquiries</i> " is not complete.		
1) Did a search of land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.25)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)		
2) Did a search of land title records (or judicial records where appropriate) identify any activity and use limitations (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 against the site under federal, tribal, state, or local law (40 CFR 312.26)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)		
3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below)		
4) Does the purchase price being paid for this site 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 site? <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable (If yes or Not applicable, explain below)		
5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example, (a.) Do you know the past uses of the site? (b.) Do you know of specific chemicals that are present or once were present at the site? (c.) Do you know of spills or other chemical releases that have taken place at the site? (d.) Do you know of any environmental cleanups that have taken place at the site? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below)		
6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of releases at the site (40 CFR 312.31)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below)		
Comments or explanations:  Current tarct use Forestry Silviculture		

Please return this form with the signed authorization to proceed.

Proposal No. PEQ237257

# **APPENDIX D**

## **ENVIRONMENTAL DATABASE INFORMATION**



---

# DATABASE REPORT

**Project Property:** *NXFL-358  
South of the intersection of Tree Farm Road  
and North County Road 225  
Alachua FL 32609*

**Project No:** *EQ237257A*

**Report Type:** *Database Report*

**Order No:** *23071305890*

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

**Date Completed:** *July 14, 2023*

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

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



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# Executive Summary

## Property Information:

**Project Property:** NXFL-358  
South of the intersection of Tree Farm Road and North County Road 225 Gainesville FL 32609

**Project No:** EQ237257A

## **Coordinates:**

**Latitude:** 29.82611171  
**Longitude:** -82.26963474  
**UTM Northing:** 3,300,193.45  
**UTM Easting:** 377,328.64  
**UTM Zone:** UTM Zone 17R

**Elevation:** 150 FT

## Order Information:

**Order No:** 23071305890  
**Date Requested:** July 13, 2023  
**Requested by:** Terracon Consultants, Inc.  
**Report Type:** Database Report

## Historicals/Products:

**Aerial Photographs** Historical Aerials (with Project Boundaries)  
**City Directory Search** CD - 2 Street Search  
**ERIS Xplorer** [ERIS Xplorer](#)  
**Excel Add-On** Excel Add-On  
**Fire Insurance Maps** US Fire Insurance Maps  
**Physical Setting Report (PSR)** Physical Setting Report (PSR)  
**Topographic Map** Topographic Maps  
**terraDOCS Report** terraDOCS (Terracon)

# Executive Summary: Report Summary

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

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

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
<b>County</b>								
LST ALACHUA	Y	0.5	0	0	0	0	-	0
<b><u>Additional Environmental Records</u></b>								
<b>Federal</b>								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0



Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
<b>State</b>								
PRIORITYCLEAN	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
HISTORICAL DRYC	Y	0.25	0	0	0	-	-	0
SPILLS	Y	0.125	0	0	-	-	-	0
DWM CONTAM	Y	0.5	0	0	0	0	-	0
DEL CONTAM SITE	Y	0.5	0	0	0	0	-	0
PFAS AFFF	Y	0.5	0	0	0	0	-	0
PFAS	Y	0.5	0	0	0	0	-	0
GW CONTAM	Y	0.125	0	0	-	-	-	0
UIC	Y	PO	0	-	-	-	-	0
WELL SURVEILLANCE	Y	0.25	0	0	0	-	-	0
CDV SOUTHEAST	Y	0.5	0	0	0	0	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
<b>Tribal</b>	<b>No Tribal additional environmental record sources available for this State.</b>							
<b>County</b>								
ALACHUA RF	Y	PO	0	-	-	-	-	0
<b>Total:</b>			0	0	0	1	0	1

\* PO – Property Only

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

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<a href="#">1</a>	STCS	AYR WELLNESS	18770 N CR 225 GAINESVILLE FL 32609	N	0.49 / 2,585.80	-8	<a href="#">16</a>

*Facility ID | Fac Stat(OpenData):* 9816595 | OPEN

## Executive Summary: Summary by Data Source

### Standard

### State

#### STCS - Storage Tank/Contaminated Facility Search

A search of the STCS database, dated May 12, 2023 has found that there are 1 STCS site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AYR WELLNESS	18770 N CR 225 GAINESVILLE FL 32609	N	0.49 / 2,585.80	<a href="#">1</a>

*Facility ID | Fac Stat(OpenData): 9816595 | OPEN*



82°17'W

82°16'30"W

82°16'W

82°15'30"W

29°50'30"N

29°50'30"N

29°50'N

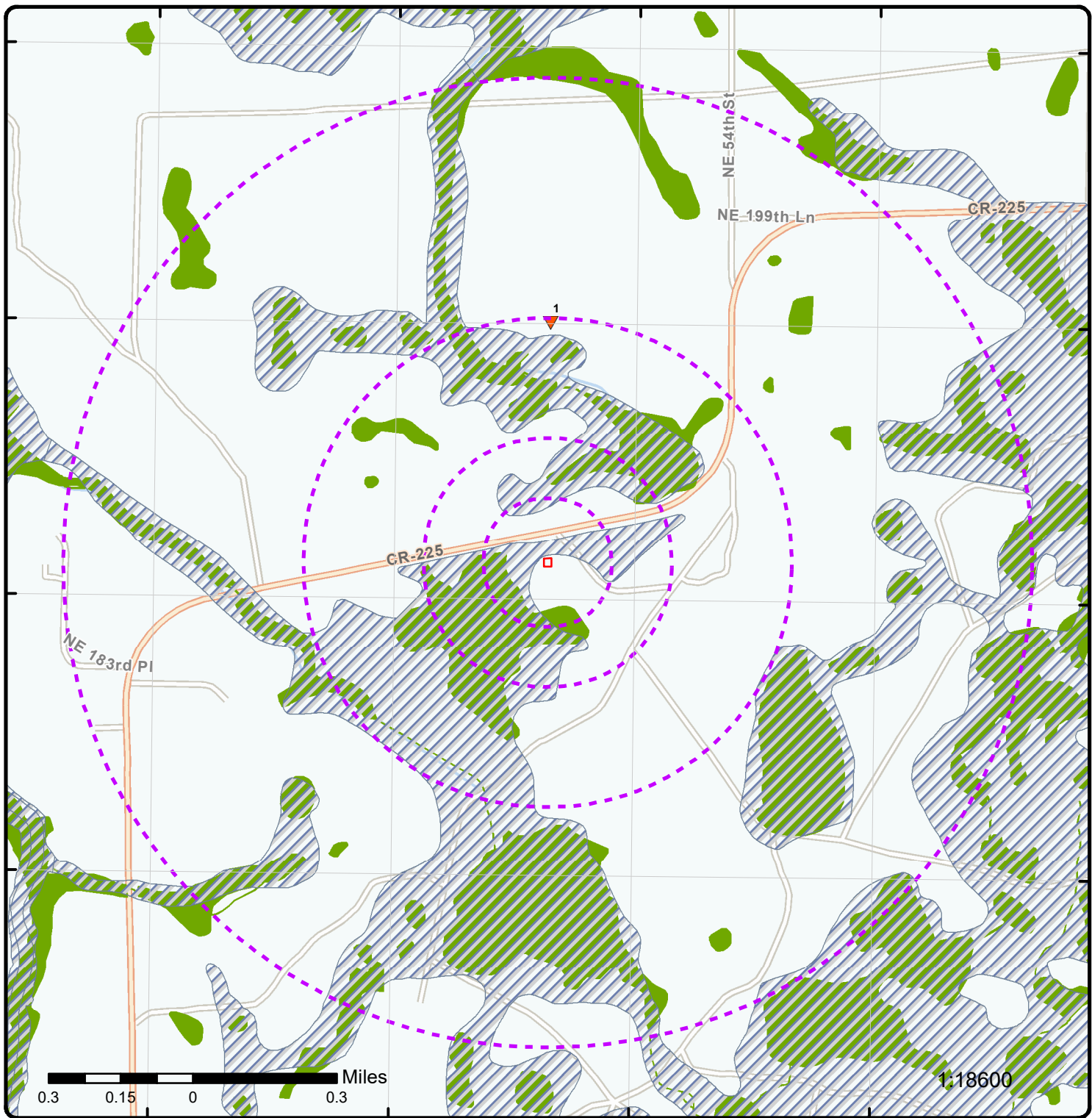
29°50'N

29°49'30"N

29°49'30"N

29°49'N

29°49'N



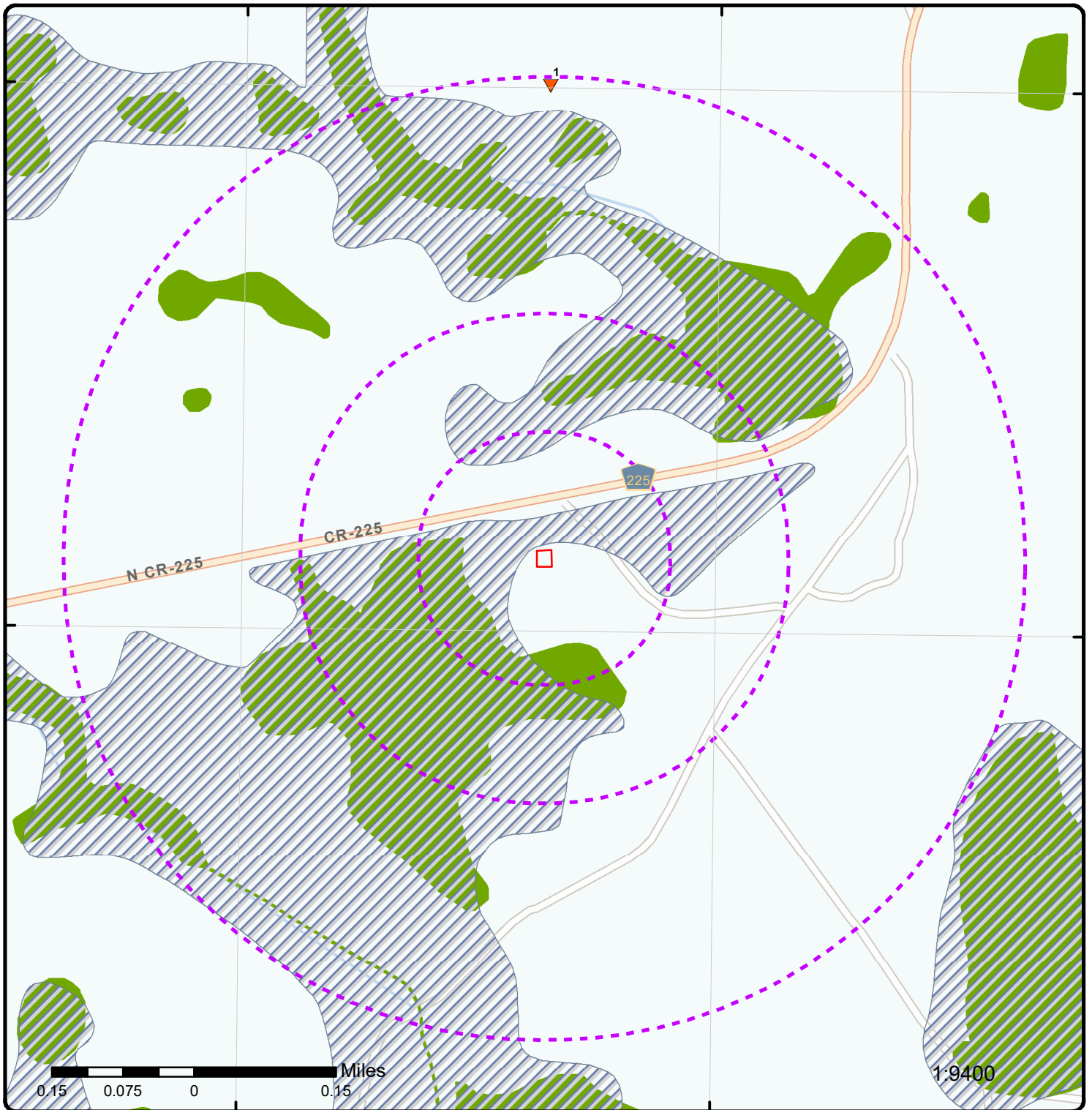
### Map: 1.0 Mile Radius

Order Number: 23071305890

Address: South of the intersection of Tree Farm Road and North County Road 225, Gainesville, FL



- |                              |                        |                     |  |
|------------------------------|------------------------|---------------------|--|
| Project Property             | Buffer Outline         | State               | FWS Special Designation Areas  |
| Sites with Higher Elevation  | Freeways; Highways     | Country             | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation    | Traffic Circle; Ramp   | National Wetland    |  |
| Sites with Lower Elevation   | Major & Minor Arterial | Indian Reserve Land |  |
| Sites with Unknown Elevation | Traffic Circle; Ramp   | Plume               |  |
| Areas with Higher Elevation  | Local Road             | 100 Year Flood Zone |  |
| Areas with Same Elevation    | Rail                   | 500 Year Flood Zone |  |
| Areas with Lower Elevation   |                        |                     |  |
| Areas with Unknown Elevation |                        |                     |  |



### Map: 0.5 Mile Radius

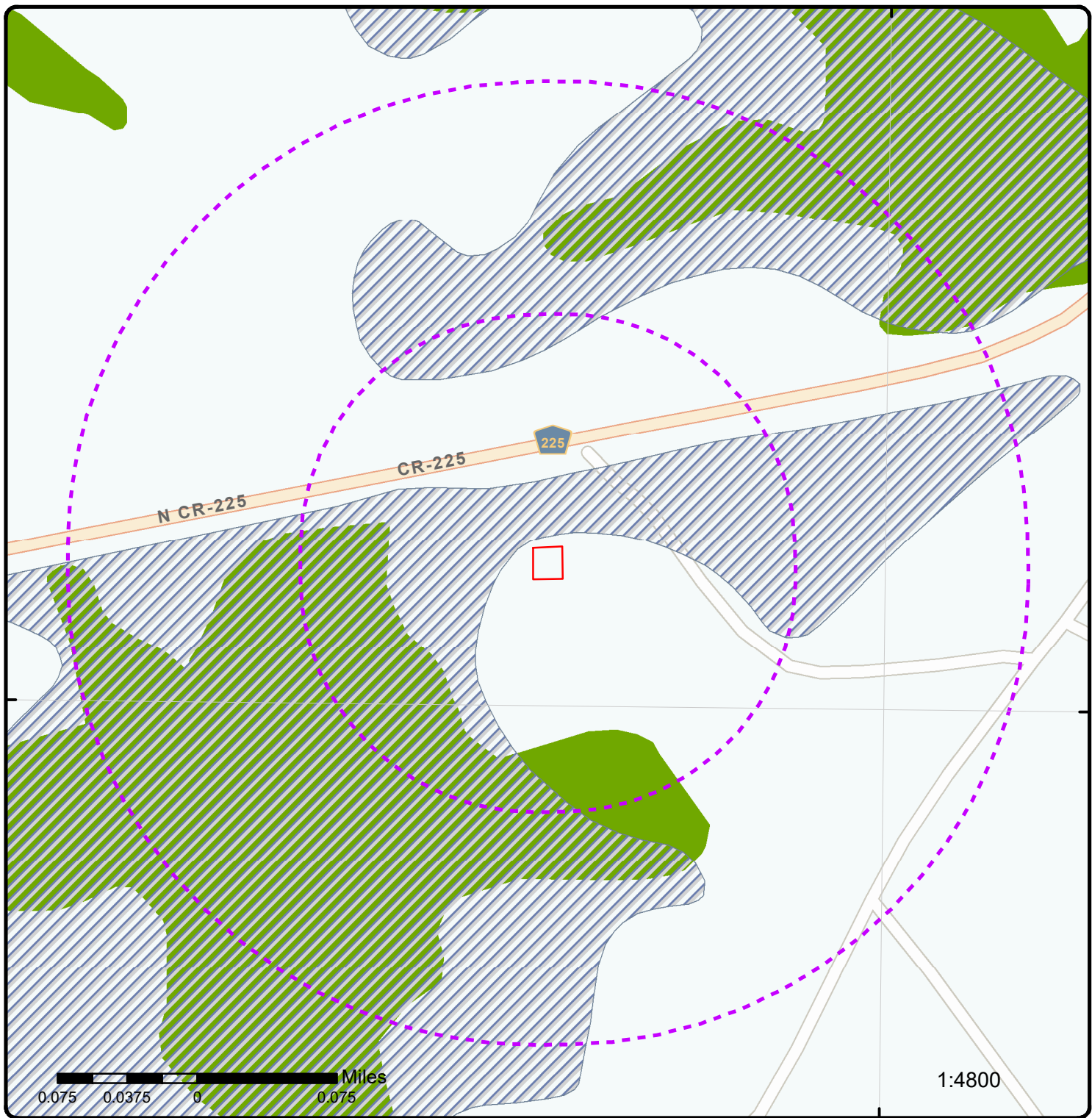
Order Number: 23071305890

Address: South of the intersection of Tree Farm Road and North County Road 225, Gainesville, FL



- |                              |                      |                        |                     |   |
|------------------------------|----------------------|------------------------|---------------------|---|
| Project Property             | Buffer Outline       | Freeways; Highways     | State               | FWS Special Designation Areas   |
| Sites with Higher Elevation  | Traffic Circle; Ramp | Major & Minor Arterial | Country             | National Prienties List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation    | Traffic Circle; Ramp | Traffic Circle; Ramp   | National Wetland    | Indian Reserve Land   |
| Sites with Lower Elevation   | Local Road           | Rail                   | Plume               | 100 Year Flood Zone   |
| Sites with Unknown Elevation |                      |                        | 500 Year Flood Zone |   |
| Areas with Higher Elevation  |                      |                        |                     |   |
| Areas with Same Elevation    |                      |                        |                     |   |
| Areas with Lower Elevation   |                      |                        |                     |   |
| Areas with Unknown Elevation |                      |                        |                     |   |





### Map: 0.25 Mile Radius

Order Number: 23071305890

Address: South of the intersection of Tree Farm Road and North County Road 225, Gainesville, FL



- |                              |                        |                     |                     |  |
|------------------------------|------------------------|---------------------|---------------------|--|
| Project Property             | Buffer Outline         | Freeways; Highways  | State               | FWS Special Designation Areas  |
| Sites with Higher Elevation  | Traffic Circle; Ramp   | Country             | National Wetland    | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation    | Major & Minor Arterial | Indian Reserve Land | 100 Year Flood Zone |  |
| Sites with Lower Elevation   | Traffic Circle; Ramp   | Plume               | 500 Year Flood Zone |  |
| Sites with Unknown Elevation | Local Road             | Rail                |                     |  |
| Areas with Higher Elevation  |                        |                     |                     |  |
| Areas with Same Elevation    |                        |                     |                     |  |
| Areas with Lower Elevation   |                        |                     |                     |  |
| Areas with Unknown Elevation |                        |                     |                     |  |



82°16'30"W

82°16'W

29°50'N

29°50'N

29°49'30"N

29°49'30"N

29°49'N

29°49'N



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

**1:10000**

**Aerial** Year: 2022

Order Number: 23071305890

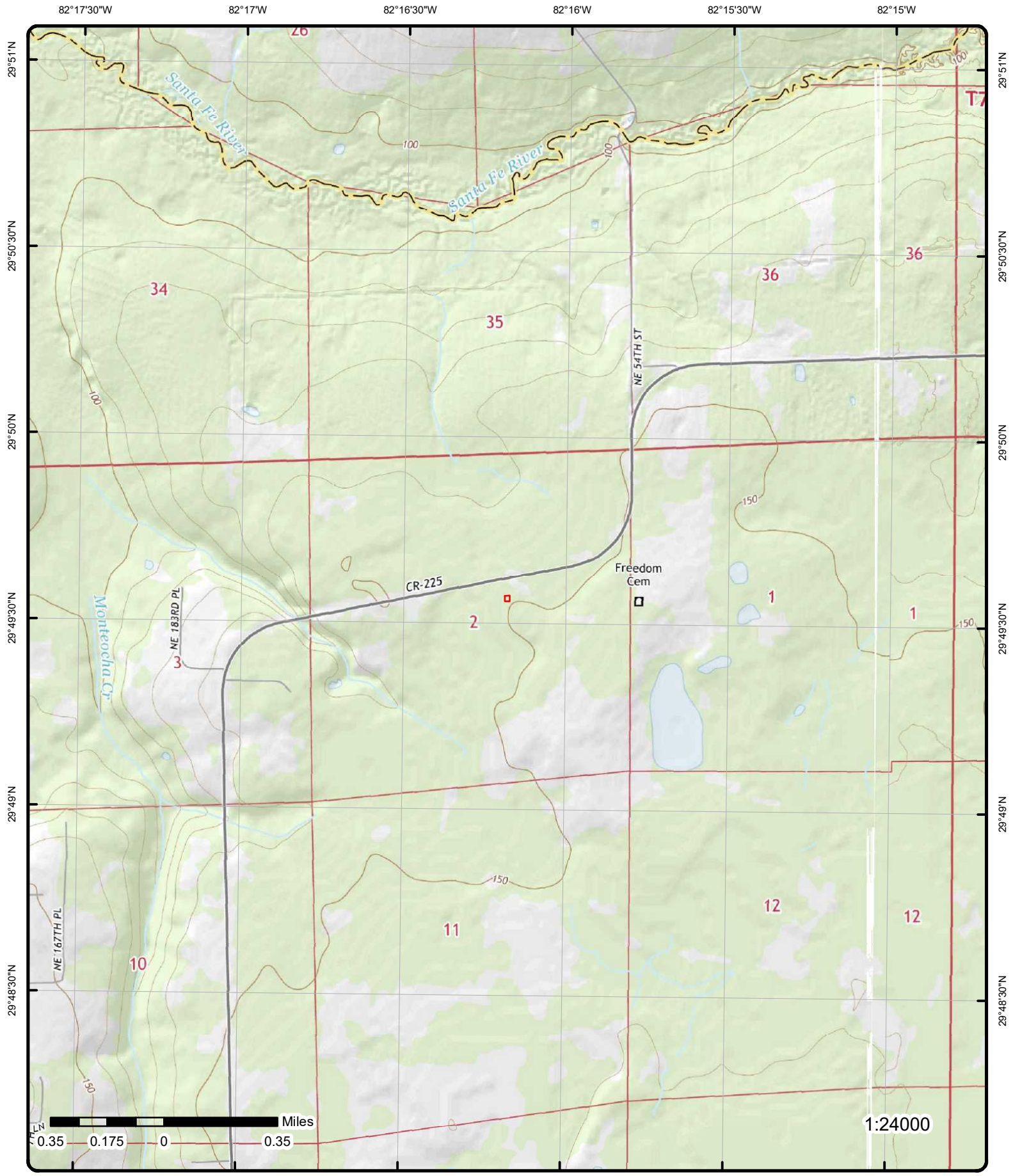
Address: South of the intersection of Tree Farm Road and North County Road 225,



© ERIS Information Inc.

Source: ESRI World Imagery





# Topographic Map

Year: 2015

Order Number: 23071305890

Address: South of the intersection of Tree Farm Road and North County Road 225,



Quadrangle(s): Montecocha, FL; Waldo, FL

© ERIS Information Inc.

Source: USGS Topographic Map

# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	N	0.49 / 2,585.80	141.24 / -8	AYR WELLNESS 18770 N CR 225 GAINESVILLE FL 32609	STCS

<b>Facility ID:</b>	9816595	<b>Zip5 (Open Data):</b>	32609
<b>Type:</b>	M - Agricultural	<b>CountyID(OpenData):</b>	1
<b>Status:</b>	Open	<b>County (Open Data):</b>	ALACHUA
<b>County:</b>	ALACHUA	<b>Contam (Map):</b>	
<b>Fac Stat(OpenData):</b>	OPEN	<b>Fac Type (Map):</b>	Agricultural
<b>Fac Code(OpenData):</b>	M	<b>Fac Stat (Map):</b>	OPEN
<b>Fac Type(OpenData):</b>	Agricultural	<b>Status (Map):</b>	REVIEWED
<b>Clnup Cd(OpenData):</b>		<b>City (Map):</b>	GAINESVILLE
<b>Clnup Dt(OpenData):</b>		<b>County (Map):</b>	1
<b>Status (Open Data):</b>	REVIEWED	<b>Zip5 (Map):</b>	32609
<b>City (Open Data):</b>	GAINESVILLE	<b>Zip4 (Map):</b>	0
<b>Fac Name(Open Data):</b>	AYR WELLNESS		
<b>Address (Open Data):</b>	18770 N CR 225		
<b>Fac Cleanup Stat(Open Data):</b>			
<b>Name (Map):</b>	AYR WELLNESS		
<b>Address (Map):</b>	18770 N CR 225		

### FDEP Storage Tank Monitoring Open Data Details

<b>Object ID:</b>	70300	<b>Map Src:</b>	imagerywithroads
<b>X:</b>	-82.2702770555576	<b>Map Scale:</b>	1128
<b>Y:</b>	29.8353451388924	<b>Elevation:</b>	
<b>Regulated:</b>	YES	<b>EI Datum:</b>	
<b>Col Meth:</b>	DPHO	<b>EI Resolut:</b>	
<b>Col Name:</b>	HARRIS_MJ	<b>EI Units:</b>	
<b>Col Date:</b>	05-Nov-2018	<b>ALB East:</b>	566913.03
<b>Col Prog:</b>	TANKS-PETROLEUM CONTAMINATION	<b>ALB North:</b>	648773.11
<b>Ver Meth:</b>	DPHO	<b>Loc ID:</b>	69932
<b>Ver Name:</b>	HARRIS_MJ	<b>Lat DD:</b>	29
<b>Ver Prog:</b>	TANKS-PETROLEUM CONTAMINATION	<b>Lat MM:</b>	50
<b>Ver Date:</b>	05-Nov-2018	<b>Lat SS:</b>	
<b>OOIC:</b>	FACILITY	<b>Long DD:</b>	82
<b>Rel Feat:</b>	CENTR	<b>Long MM:</b>	16
<b>Datum:</b>	NAD83	<b>Long SS:</b>	
<b>Coord Acc:</b>	4		
<b>Col Aff:</b>	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION		
<b>Ver Aff:</b>	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION		
<b>Direct:</b>			
<b>Documents:</b>	<a href="https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9816595/gis-facility!search">https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9816595/gis-facility!search</a>		

### FDEP Open Data - Storage Tank Contamination Monitoring (STCM)

<b>Loc ID:</b>	69932	<b>Rel Feat:</b>	CENTR
<b>Site Type:</b>	Agricultural	<b>EI Datum:</b>	
<b>Contam Ind:</b>		<b>EI Resolut:</b>	
<b>Phone:</b>	5089896692	<b>EI Units:</b>	
<b>Operator:</b>	BRENT GADBOIS	<b>Map Src:</b>	imagerywithroads
<b>Next action:</b>	PLACARD 03-MAR-2023	<b>Map Scale:</b>	1128
<b>Fin Respon:</b>		<b>Coord Acc:</b>	4
<b>Office:</b>	NED	<b>Alb East:</b>	566913.03
<b>OOIC:</b>	FACILITY	<b>Alb North:</b>	648773.11
<b>Col Meth:</b>	DPHO	<b>Datum:</b>	NAD83
<b>Col Name:</b>	HARRIS_MJ	<b>Elevation:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Col Date:</b>	11/5/2018			<b>Lat DD:</b>	29	
<b>Col Prog:</b>	TANKS-PETROLEUM CONTAMINATION			<b>Lat MM:</b>	50	
<b>Ver Meth:</b>	DPHO			<b>Lat SS:</b>		
<b>Ver Name:</b>	HARRIS_MJ			<b>Long DD:</b>	82	
<b>Ver Prog:</b>	TANKS-PETROLEUM CONTAMINATION			<b>Long MM:</b>	16	
<b>Ver Date:</b>	11/5/2018			<b>Long SS:</b>		
<b>Object ID:</b>	69932					
<b>Col Aff:</b>	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION					
<b>Ver Aff:</b>	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION					
<b>Documents:</b>	https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/9816595/gis-facility!search					

**FDEP - Storage Tank Contamination Monitoring (STCM) Details**

**Name:** Ayr Wellness  
18770 N Cr 225  
Gainesville, FL 32609

**LL Method:** DPHO

**Account Owner:** Dfmmj Investments

**Contact:** Brent Gadbois

**Phone:** 508-989-6692

**District:** NED

**County 1:** 01 - Alachua

**Latitude:** 29:50:07.2425

**Longitude:** 82:16:12.9974

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

**Tank No:** 1

**Size:** 3690

**Content:** Emerg Generator Diesel

**Installed:** 09/01/2018

**Placement:** ABOVE

**Status:** In Service

**Construction:** C - Steel

**Piping:** F - Double Wall  
L - Bulk Product System  
X - No Piping Associated W/Tank

**Monitoring:**

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

**Tank No:** 2

**Size:** 2388

**Content:** Vehicular Diesel

**Installed:** 04/01/2022

**Placement:** ABOVE

**Status:** In Service

**Construction:** C - Steel  
I - Double Wall  
M - Spill Containment Bucket

**Piping:** A - Abv, No Soil Contact  
D - External Protective Coating  
M - Double Wall - Pipe Jacket  
N - Approved Synthetic Material

**Monitoring:** F - Monitor Dbl Wall Tank Space  
Q - Visual Inspection Of Asts

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

**Tank No:** 3

**Size:** 2388

**Content:** Vehicular Diesel

**Installed:** 04/01/2022

**Placement:** ABOVE

**Status:** In Service



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<b>Construction:</b>		C - Steel				
		I - Double Wall				
		M - Spill Containment Bucket				
<b>Piping:</b>		A - Abv, No Soil Contact				
		D - External Protective Coating				
		M - Double Wall - Pipe Jacket				
		N - Approved Synthetic Material				
<b>Monitoring:</b>		F - Monitor Dbl Wall Tank Space				
		Q - Visual Inspection Of Asts				

# Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ALACHUA RF	Monteocha Creek Unit 1 & 2	CR 225 3/4 M S. CR 340	GAINESVILLE FL		870899393
ALACHUA RF	Hartman Property (Donald & Cheryl)	SE 111th Ave & 225 Dr	FL		870896189
ALACHUA RF	Indian Trails- PUD	CR 225 3/4 m S. CR 340	FL		870897181
ALACHUA RF	Trails of Monteocha	CR 225 3/4 M S. CR 340	GAINESVILLE FL		870897962



# Unplottable Report

**Site:** *Monteocha Creek Unit 1 & 2*  
*CR 225 3/4 M S. CR 340 GAINESVILLE FL*

ALACHUA RF

**ACEPD:** 2105-06 **Parcel Address:** 07764-000-000  
**No of Tanks:** **GPS Date:**  
**Opened:** **Latitude:**  
**Closed:** **Longitude:**  
**Last Inspection:**  
**Generator Status Code:** N  
**Class Code:** E  
**Class:** Exempt facilities (inspected and found to be non-regulated)  
**Generator Status:** Non Generator  
**Industry Name:**

**Site:** *Hartman Property (Donald & Cheryl)*  
*SE 111th Ave & 225 Dr FL*

ALACHUA RF

**ACEPD:** 3248 **Parcel Address:** 19995-004-000  
**No of Tanks:** **GPS Date:**  
**Opened:** **Latitude:**  
**Closed:** **Longitude:**  
**Last Inspection:**  
**Generator Status Code:** N  
**Class Code:** E  
**Class:** Exempt facilities (inspected and found to be non-regulated)  
**Generator Status:** Non Generator  
**Industry Name:**

**Site:** *Indian Trails- PUD*  
*CR 225 3/4 m S. CR 340 FL*

ALACHUA RF

**ACEPD:** 2105-04 **Parcel Address:** 07764-000-000  
**No of Tanks:** **GPS Date:**  
**Opened:** **Latitude:**  
**Closed:** **Longitude:**  
**Last Inspection:**  
**Generator Status Code:** N  
**Class Code:** e  
**Class:** Exempt facilities (inspected and found to be non-regulated)  
**Generator Status:** Non Generator  
**Industry Name:**

**Site:** *Trails of Monteocha*  
*CR 225 3/4 M S. CR 340 GAINESVILLE FL*

ALACHUA RF

**ACEPD:** 2105-05 **Parcel Address:** 07764-000-000  
**No of Tanks:** **GPS Date:**  
**Opened:** **Latitude:**  
**Closed:** **Longitude:**  
**Last Inspection:**  
**Generator Status Code:** N  
**Class Code:** E  
**Class:** Exempt facilities (inspected and found to be non-regulated)  
**Generator Status:** Non Generator  
**Industry Name:**

# Appendix: Database Descriptions

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

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

## **Standard Environmental Record Sources**

### **Federal**

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

[NPL](#)

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

**Government Publication Date: Mar 23, 2023**

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

[PROPOSED NPL](#)

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Mar 23, 2023**

#### **Deleted NPL:**

[DELETED NPL](#)

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Mar 23, 2023**

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

[SEMS](#)

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

**Government Publication Date: Jan 25, 2023**



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

[ODI](#)

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

**Government Publication Date: Jun 1985**

**SEMS List 8R Archive Sites:**

[SEMS ARCHIVE](#)

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

**Government Publication Date: Jan 25, 2023**

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

[CERCLIS](#)

**CERCLIS:**

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

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

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

[IODI](#)

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

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

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

[CERCLIS NFRAP](#)

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

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

**CERCLIS Liens:**

[CERCLIS LIENS](#)

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

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

**RCRA CORRACTS-Corrective Action:**

[RCRA CORRACTS](#)

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

**Government Publication Date: Apr 24, 2023**

**RCRA non-CORRACTS TSD Facilities:**

[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

**Government Publication Date: Apr 24, 2023**

**RCRA Generator List:**

[RCRA LQG](#)

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

**Government Publication Date: Apr 24, 2023**

**RCRA Small Quantity Generators List:**

[RCRA SQG](#)

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

**Government Publication Date: Apr 24, 2023**

**RCRA Very Small Quantity Generators List:**

[RCRA VSQG](#)

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

**Government Publication Date: Apr 24, 2023**

**RCRA Non-Generators:**

[RCRA NON GEN](#)

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

**Government Publication Date: Apr 24, 2023**

**RCRA Sites with Controls:**

[RCRA CONTROLS](#)

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

**Government Publication Date: Apr 24, 2023**

**Federal Engineering Controls-ECs:**

[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Apr 26, 2023**

**Federal Institutional Controls- ICs:**

[FED INST](#)

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Apr 26, 2023**



**Land Use Control Information System:**

LUCIS

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

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

**Institutional Control Boundaries at NPL sites:**

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

**Government Publication Date: Mar 23, 2023**

**Emergency Response Notification System:**

ERNS 1982 TO 1986

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

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

ERNS 1987 TO 1989

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

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

ERNS

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

**Government Publication Date: Jan 16, 2023**

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

FED BROWNFIELDS

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

**Government Publication Date: Sep 13, 2022**

**FEMA Underground Storage Tank Listing:**

FEMA UST

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

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

**Facility Response Plan:**

FRP

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

**Government Publication Date: Aug 8, 2022**

**Delisted Facility Response Plans:**

DELISTED FRP

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

**Government Publication Date: Aug 8, 2022**

**Historical Gas Stations:**

[HIST GAS STATIONS](#)

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

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

**Petroleum Refineries:**

[REFN](#)

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

**Government Publication Date: Aug 30, 2022**

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

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

**Government Publication Date: Jun 29, 2022**

**LIEN on Property:**

[SEMS LIEN](#)

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

**Government Publication Date: Jan 25, 2023**

**Superfund Decision Documents:**

[SUPERFUND ROD](#)

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

**Government Publication Date: Mar 23, 2023**

**Formerly Utilized Sites Remedial Action Program:**

[DOE FUSRAP](#)

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

**Government Publication Date: Mar 4, 2017**

**State**

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

[SHWS](#)

List of hazardous waste cleanup sites participating in various federal and state funded cleanup programs. Florida's State-Funded Action Sites and Superfund Waste Cleanup Sites lists are maintained and made available by the Florida Department of Environmental Protection (FDEP). This database is state equivalent CERCLIS.

**Government Publication Date: Jun 16, 2023**

**Delisted State-Funded Action Sites:**

[DELISTED SHWS](#)

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

**Government Publication Date: Jun 16, 2023**

**ERIC Waste Cleanup:**

[ERIC](#)

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

**Government Publication Date: May 8, 2023**



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

[CLEANUP DEP](#)

The Cleanup Sites layer feeds the FDEP's Contamination Locator Map (CLM). It provides locations and document links for sites currently in the cleanup process and sites awaiting cleanup funding. Cleanup programs include: Brownfields, Petroleum, EPA Superfund (CERCLA), Drycleaning, Responsible Party Cleanup, State Funded Cleanup, State Owned Lands Cleanup and Hazardous Waste Cleanup.

**Government Publication Date: May 23, 2023**

**Waste Cleanup Responsible Party Sites:**

[WCRPS](#)

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

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

**Delisted Waste Cleanup Sites:**

[DELISTED WCP](#)

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

**Government Publication Date: May 23, 2023**

**Solid Waste Facilities and Landfills:**

[SWF/LF](#)

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

**Government Publication Date: May 25, 2023**

**Leaking Tanks:**

[LST](#)

The Storage Tank Regulation Section is part of the Petroleum Restoration Program in the Florida Department of Environmental Protection (FDEP)'s Division of Waste Management. In 1983, Florida was one of the first states in the union to pass legislation and adopt rules for underground and aboveground storage tank systems. Since then, over 28,000 facilities have reported discharges of petroleum products from storage tank systems. Florida relies on groundwater for about 92 percent of its drinking water needs, and has some of the most stringent rules in the country.

**Government Publication Date: Mar 23, 2023**

**Delisted Leaking Tanks:**

[DELISTED LST](#)

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

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

**Underground Storage Tanks:**

[UST](#)

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

**Government Publication Date: May 11, 2023**

**Aboveground Storage Tanks:**

[AST](#)

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

**Government Publication Date: May 11, 2023**

**Storage Tank Facilities:**

[TANK](#)

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

**Government Publication Date: May 11, 2023**

**Delisted AST UST Storage Tanks:**

[DEL UST AST TANK](#)

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

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

**Delisted Storage Tanks:**

[DEL STORAGE TANK](#)

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

**Government Publication Date: May 11, 2023**

**Federal Facilities Listing:**

[FF TANKS](#)

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

**Government Publication Date: Jun 1, 2023**

**Storage Tank/Contaminated Facility Search:**

[STCS](#)

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

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

**Institutional Controls Registry:**

[INST](#)

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

**Government Publication Date: Feb 21, 2023**

**Engineering Controls:**

[ENG](#)

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

**Government Publication Date: Feb 21, 2023**

**Voluntary Cleanup Sites:**

[VCP](#)

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

**Government Publication Date: Jul 1, 2022**

**Brownfield Sites:**

[BROWNFIELDS](#)

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

**Government Publication Date: Sep 8, 2021**

**Brownfield Areas:**

[BROWNFIELD AREA](#)

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

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

**Hazardous Waste Facility List:**

[HAZ WASTE FAC](#)

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

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

**Tribal**



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

[INDIAN LUST](#)

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

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

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

[INDIAN UST](#)

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

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

**Delisted Tribal Leaking Storage Tanks:**

[DELISTED INDIAN LST](#)

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

**Government Publication Date: Apr 26, 2023**

**Delisted Tribal Underground Storage Tanks:**

[DELISTED INDIAN UST](#)

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

**Government Publication Date: Apr 26, 2023**

**County**

**Alachua County Leaking Petroleum Storage Tanks:**

[LST ALACHUA](#)

The Alachua County Environmental Protection Department's Petroleum Cleanup Program oversees the assessment and remediation of facilities with petroleum contamination. This program operates under a contract with the Florida Department of Environmental Protection.

**Government Publication Date: May 3, 2023**

**Additional Environmental Record Sources**

**Federal**

**Facility Registry Service/Facility Index:**

[FINDS/FRS](#)

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

**Government Publication Date: Aug 18, 2022**

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

[TRIS](#)

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

**Government Publication Date: Oct 19, 2022**

**PFOA/PFOS Contaminated Sites:**

[PFAS NPL](#)

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

**Government Publication Date: Mar 28, 2023**

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

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to April 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

**Government Publication Date: Apr 24, 2023**

**SSEHRI PFAS Contamination Sites:**

[PFAS SSEHRI](#)

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

**Government Publication Date: Oct 9, 2022**

**National Response Center PFAS Spills:**

[ERNS PFAS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Limitations: The data from the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

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

**PFAS NPDES Discharge Monitoring:**

[PFAS NPDES](#)

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

**Government Publication Date: Feb 19, 2023**

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

[PFAS TRI](#)

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

**Government Publication Date: Oct 19, 2022**

**Perfluorinated Alkyl Substances (PFAS) Water Quality:**

[PFAS WATER](#)

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

**Government Publication Date: Jul 20, 2020**

**PFAS TSCA Manufacture and Import Facilities:**

[PFAS TSCA](#)



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

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

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

[PFAS E-MANIFEST](#)

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

**Government Publication Date: Apr 9, 2023**

**PFAS Industry Sectors:**

[PFAS IND](#)

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

**Government Publication Date: Apr 16, 2023**

**Hazardous Materials Information Reporting System:**

[HMIRS](#)

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

**Government Publication Date: Sep 1, 2020**

**National Clandestine Drug Labs:**

[NCDL](#)

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

**Government Publication Date: Feb 8, 2023**

**Toxic Substances Control Act:**

[TSCA](#)

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

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

**Government Publication Date: Apr 11, 2019**

**Hist TSCA:**

[HIST TSCA](#)

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

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

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

**FTTS Administrative Case Listing:**

[FTTS ADMIN](#)

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

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

**FTTS Inspection Case Listing:**

[FTTS INSP](#)

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

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

**Potentially Responsible Parties List:**

[PRP](#)

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

**Government Publication Date: Jan 25, 2023**

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

[SCRD DRYCLEANER](#)

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

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

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

[ICIS](#)

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

**Government Publication Date: Oct 15, 2022**

**Drycleaner Facilities:**

[FED DRYCLEANERS](#)

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

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

**Delisted Drycleaner Facilities:**

[DELISTED FED DRY](#)

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

**Government Publication Date: Dec 11, 2022**

**Formerly Used Defense Sites:**

[FUDS](#)

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

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



**FUDS Munitions Response Sites:**

FUDS MRS

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

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

**Former Military Nike Missile Sites:**

FORMER NIKE

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

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

**PHMSA Pipeline Safety Flagged Incidents:**

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

**Government Publication Date: Mar 31, 2021**

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

MLTS

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

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

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

HIST MLTS

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

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

**Mines Master Index File:**

MINES

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

**Government Publication Date: Nov 7, 2022**

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

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

**Government Publication Date: Aug 18, 2022**

**Mineral Resource Data System:**

MRDS

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

**DOE Legacy Management Sites:**

[LM SITES](#)

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

Government Publication Date: Dec 1, 2022

**Alternative Fueling Stations:**

[ALT FUELS](#)

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

Government Publication Date: Mar 23, 2023

**Superfunds Consent Decrees:**

[CONSENT DECREES](#)

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

Government Publication Date: Apr 19, 2023

**Air Facility System:**

[AFS](#)

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

Government Publication Date: Oct 17, 2014

**Registered Pesticide Establishments:**

[SSTS](#)

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

Government Publication Date: Mar 1, 2023

**Polychlorinated Biphenyl (PCB) Transformers:**

[PCBT](#)

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

Government Publication Date: Oct 15, 2019

**Polychlorinated Biphenyl (PCB) Notifiers:**

[PCB](#)

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

Government Publication Date: Nov 3, 2022



## State

### Priority Ranking List:

[PRIORITYCLEAN](#)

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

**Government Publication Date:** Mar 7, 2022

### Dry Cleaning Facilities:

[DRYCLEANERS](#)

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

**Government Publication Date:** Apr 13, 2023

### Delisted Dry Cleaning Facilities:

[DELISTED DRYCLEANERS](#)

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

**Government Publication Date:** Apr 13, 2023

### Historical Dry Cleaners:

[HISTORICAL DRYC](#)

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

**Government Publication Date:** Aug 2, 2013

### Oil and Hazardous Materials Incidents:

[SPILLS](#)

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

**Government Publication Date:** Apr 26, 2023

### Contaminated Sites:

[DWM CONTAM](#)

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

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

### Delisted Contaminated Sites:

[DEL CONTAM SITE](#)

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

**Government Publication Date:** Sep 30, 2015

### Aqueous Film Forming Foam (AFFF):

[PFAS AFFF](#)

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

**Government Publication Date:** Mar 6, 2023

### PFAS Investigation at Federal Facilities:

[PFAS](#)

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

**Government Publication Date:** May 24, 2023

### Ground Water Contamination Areas:

[GW CONTAM](#)

List of areas of known groundwater contamination made available by the Florida Department of Environmental Protection (DEP). 38 counties have been delineated primarily for the agricultural pesticide ethylene dibromide (EDB), and to a much lesser extent, volatile organic and petroleum contaminants. Permitted water wells in these areas must meet specific well construction criteria and water testing prior to well use. This dataset only indicates the presence or absence of specific groundwater contaminants and does not represent all known sources of groundwater contamination in the state of Florida.

**Government Publication Date: Jan 18, 2023**

**Underground Injection Control Wells:**

[UIC](#)

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

**Government Publication Date: Apr 27, 2023**

**Well Surveillance Program Facilities:**

[WELL SURVEILLANCE](#)

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

**Government Publication Date: Apr 25, 2023**

**Cattle Dip Vats:**

[CDV SOUTHEAST](#)

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

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

**Tier 2 Report:**

[TIER 2](#)

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

**Government Publication Date: Mar 6, 2023**

**Delisted County Records:**

[DELISTED COUNTY](#)

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

**Government Publication Date: May 8, 2023**

**Tribal**

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

**County**

**Alachua County Regulated Facility List:**

[ALACHUA RF](#)

List of facilities regulated by the Environmental Protection Department under the Alachua County Hazardous Materials Management Code (HMMC). The HMMC regulates the management of hazardous materials to prevent discharges to the environment and provide uniform standards for the proper storage, handling and monitoring hazardous materials in the county.

**Government Publication Date: May 1, 2023**



# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

# **APPENDIX E**

## **CREDENTIALS**



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## Kyle E. Hayes

Environmental Department Manager

### PROFESSIONAL EXPERIENCE

Mr. Hayes has 17 years of experience as an environmental consultant/environmental scientist and manager with proven technical, management and communication skills. His experience includes the facilitation and management of multidisciplinary environmental projects relating to industrial processing, petroleum, mining, landfills, wetlands, governmental entities, waste streams, etc. Mr. Hayes is experienced in negotiating with regulatory agencies (federal, state, and local) regarding soil and groundwater contamination projects and general industry permitting and regulatory compliance. Many of these projects have been conducted for local municipal agencies.

### PROJECT EXPERIENCE

#### **Saint John's County Continuing Services Contract, Florida**

Manage a continuing services contract with Saint Johns County. Managed various projects, including of Phase I Environmental Site Assessments (ESAs), Environmental Assessments (EAs), Wastewater Treatment Plant permitting, and Reverse Osmosis Water Treatment permitting.

#### **Saint John's County School District Continuing Contract, Florida**

Manage a continuing services contract with Saint Johns County. Managed client and project team for the completion of a series of Asbestos Hazard Emergency Response Act (AHERA) school reinspections for the county. Conduct Phase I Environmental Site Assessments (ESAs), conducted a Tank Closure Assessment and removal for the First Coast Technical Institute, and facilitate on-going assessment of soil and groundwater at Nease High School.

#### **Nassau County Management, Florida**

Oversaw the facilitation of indoor air quality assessments in various county buildings for this local government body including air quality assessments in the Courthouse, the county Information Technology Service building, major evaluations of the HVAC systems at the Sheriff's Office, and the County Jail and a large-scale examination of air quality and related issues at the Supervisor of Elections building as well as numerous investigations of air quality in other municipal buildings.

#### **Florida School for the Deaf and the Blind – Saint Augustine, Florida**

Facilitated ongoing monitoring of a chlorinated solvent groundwater plume. Developed and implemented in-situ bioremediation through injection of dehalococoides (DHC) microbial bacteria to speed up the anaerobic process of reductive dechlorination breakdown of PCE and TCE to ethane. This strategy was adopted to ultimately save the client long term monitoring expenses. Currently working with FDEP to obtain site closure.



### EDUCATION

Environmental Science, Eckerd College, Saint Petersburg, FL

**YEARS EXPERIENCE:** 17

### REGISTRATIONS

Registered Qualified Stormwater Management Inspector

### CERTIFICATIONS

40-Hour HAZWOPER  
OSHA Hazardous Waste Operations and Emergency Response

### AFFILIATIONS

Secretary – First Coast Chapter Alliance of Hazardous Materials Professionals  
Florida Association of Environmental Professionals  
Florida Healthcare Engineering Association  
Trustee – Jax Chamber

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## Kyle E. Hayes (continued)

### **University of North Florida – University Center Bldg.**

Assisted with management of an Indoor Air Quality and Drinking Water Quality Assessment. The assessment included conducted visual observations, obtained building interior temperature, relative humidity, airborne CO<sub>2</sub>, CO and surface moisture measurements, drinking water sampling and a written report with findings and recommendations.

### **University of Florida Dental Tower IEQ**

Managed the Indoor Environmental Quality (IEQ) for the UF Dental Tower. Developed, distributed, and collected an occupant survey designed to gauge the indoor environmental quality concerns of occupants in the building. Survey results were used to prioritize assessment areas within the building. Provided a written report and consulting to the Dean and staff with findings and recommendations.

### **State Road 16 Wastewater Treatment Facility – SJC Utilities – Saint Augustine, Florida**

Over the past 13 years, Mr. Hayes has performed ongoing biological monitoring of a created and natural wetland system that receives effluent from a wastewater treatment plant in Saint Johns County, Florida. Monitoring activities include; surface water / sediment / benthic macro-invertebrate sampling, herbaceous / woody species transect cover counts, mosquito larvae counts, threatened and endangered species surveys and completing of a bi-annual report for submittal to the FDEP.

### **City of Jacksonville, Brownfields Services, Assessment Grants – Jacksonville, Florida**

Working with the COJ on a current grant and facilitated their prior grant, which includes the development, coordination, and management of assessment projects and enthusiastically engaging local community and brownfields stakeholders through community outreach. Manage Phase I and II Environmental Site Assessments including scope and site-specific quality assurance plan development.

### **City of Ocala, Brownfields Services, Assessment Grant – Jacksonville, FL**

Current Project Manager under City assessment grant. Work closely with City to ensure projects are facilitated on schedule and meet expectations / goals. Actively engaging local community and brownfields stakeholders through community outreach events. Assisted in developing brownfields site inventory and priority ranking system to aid in selection of properties for assessment. Providing project management of Phase I and II Environmental Site Assessments including scope and site-specific quality assurance plan development. Ensure ACRES reporting and analysis of brownfield cleanup alternatives are completed.

### **JEA Headquarters – Jacksonville, Florida**

Managed a high-profile project with multiple environmental tasks including chlorinated solvent groundwater remediation and a large scale asbestos containing materials (ACM) soil/debris excavation. Worked closely with the client, City of Jacksonville, and FDEP to develop a Remedial Action Plan for the chlorinated solvent plume which involved injection of PlumeStop. The remediation strategy has been successful to date with a shrinking and stable plume evident, which will ultimately lead to site closure. During initial development activities on the site, ACM was identified requiring a large scale source removal of 14,000-tons of material from two intact historic basement structures. Over the course of the excavation numerous historic fuel tanks were encountered required proper closure. These projects were managed and completed as scoped.



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**Nicole Kovach**  
Field Scientist

### PROFESSIONAL EXPERIENCE

Nicole Kovach serves as a Field Scientist with the Site Assessment and Remediation Group in Terracon's Jacksonville, FL office and has experience in Phase I and Phase II environmental site assessments. Specific job responsibilities and duties include performing historical property research, site reconnaissance, regulatory agency database analysis, technical report writing and soil/groundwater sampling. Ms. Kovach is also responsible for establishing and maintaining excellent client relationships and contributes to overall project development and execution. Prior to employment with Terracon Ms. Kovach worked as an Environmental Scientist for a local environmental consulting firm and as a Horticulture Technician working with native and non-native plant species of North Florida.

### PROJECT EXPERIENCE

#### **Proposed Chase Bank - Phase 1 Environmental Site Assessment**

Standard Chase Bank Phase 1 Site assessment completed through the MSA agreement. Project manager and performed onsite reconnaissance of site and surrounding area. Nicole was the author of the Phase 1 ESA report and conducted interviews with onsite manager and property owner(s).

#### **Orange Capital Junkyard- Limited Site Investigation**

Performed groundwater and soil sampling to investigate potential site impacts based on former usage as an automotive junkyard. Nicole acted as the project manager for this job including primary author of the LSI report, oversight and performance of field work, scheduling with multiple subcontractors and client deadlines.

#### **West Beaver Street Warehouse - Limited Site Investigation**

Performed groundwater and soil sampling to investigate potential site impacts based on former usage as an automotive repair shop. Nicole acted as the project manager for this job including the primary author of the LSI report, oversight and performance of field work, scheduling with multiple subcontractors and client deadlines.

#### **Phase I Environmental Site Assessments**

Experience conducting Phase I Environmental Site Assessments in the North Florida region. Specific projects range from industrial sites including warehouses, manufacturing plants, service stations and restaurants to residential sites including apartment complexes, homesteads and single-family residences. Additional project types include agricultural land, timberland, borrow pit sites, and undeveloped woodlands. Ms. Kovach has also conducted Phase I ESAs for JEA Sewer Lift Stations and limited environmental site assessments for Verizon Telecommunication sites.

#### **Phase II Environmental Site Assessments**

Field scientist responsible for soil sampling and groundwater monitoring at various commercial / industrial sites across Florida. Installed and sampled groundwater monitoring wells for sites in the FDEP Petroleum Restoration Program. In collaboration with certified drillers, Ms. Kovach is also versed in overseeing direct push technology drilling on projects to collect and characterize soil borings and subsequently screen samples with an Organic Vapor Analyzer.

### EDUCATION

Bachelor of Science,  
Biology  
University of North Florida  
Jacksonville, FL  
Graduated 2017

**YEARS WITH FIRM: 1**

**YEARS EXPERIENCE: 3**

### PROFESSIONAL TRAINING

OSHA 40-hour Health & Safety  
OSHA Hazardous Waste Site

### Work History

Terracon Consultants Inc.  
Field Scientist - May 2022 - Present

Logic Environmental  
Environmental Scientist – March 2020 - October 2021

Earthworks Nursery  
Horticulture Technician – February 2019 – March 2020

## **APPENDIX F**

# **DESCRIPTION OF TERMS AND ACRONYMS**



## Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g., California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-21 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has 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) , with 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). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment



## Description of Selected General Terms and Acronyms

Term/Acronym	Description
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-21 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act



## Description of Selected General Terms and Acronyms

Term/Acronym	Description
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
RCRA CORRACTS/ TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non- CORRACTS/ TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-21 as 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons



## Description of Selected General Terms and Acronyms

Term/Acronym	Description
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-21, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>